

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
1/1/98 10:15 AM	75	59	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/1/98 1:32 PM	58	35	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/1/98 8:26 PM	514	101	PUBLIC - ACCIDENT BY OTHERS	POLE	CHANGED SIZE	NO ACTION NEEDED	NO
1/2/98 7:32 AM	88	14	OVERHEAD EQUIPMENT - MALFUNCTION	ARRESTER	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/2/98 7:39 AM	51	96	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
1/2/98 11:34 AM	146	16	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
1/2/98 5:52 PM	128	18	UNKNOWN	CABLE JOINT/SPLICE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/2/98 8:24 PM	376	103	UNDERGROUND EQUIPMENT - MALFUNCTION	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
1/3/98 7:31 AM	179	13	UNKNOWN	POLE	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
1/3/98 12:45 PM	125	498	OVERHEAD EQUIPMENT - MALFUNCTION	REGULATOR	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
1/3/98 5:33 PM	132	91	TREE CONTACT - PRIMARY	INSULATOR	TREE TRIMMED	TREE TRIMMING	NO
1/3/98 7:03 PM	157	16	OTHER	TAP WIRE	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
1/3/98 7:25 PM	135	2754	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/3/98 9:01 PM	44	11	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/3/98 11:42 PM	118	79	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
1/4/98 2:50 AM	135	37	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/4/98 5:11 AM	84	14	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/4/98 9:23 AM	472	21	OTHER	POLE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/4/98 5:44 PM	98	86	OTHER	CROSS/ALLEY ARM	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/4/98 5:55 PM	215	35	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/4/98 6:55 PM	250	154	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/4/98 7:51 PM	89	1006	UNKNOWN	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/4/98 9:00 PM	90	239	OTHER	INSULATOR	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/5/98 9:00 AM	60	141	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
1/5/98 2:04 PM	16	116	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/5/98 4:10 PM	44	27	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/5/98 5:03 PM	3	1037	COMED/CONTRACTOR - SWITCHING ERROR	OTHER EQUIPMENT	CLOSED SWITCH/DISCONNECT/LT	TRAINING	NO
1/5/98 8:12 PM	68	44	OTHER	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/6/98 2:40 AM	190	25	OTHER	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/6/98 8:08 AM	25	11	OTHER	ARRESTER	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/6/98 8:32 AM	177	23	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
1/6/98 9:47 AM	106	53	UNKNOWN	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
1/6/98 2:58 PM	341	107	WEATHER - FLOODING/RAIN	CROSS/ALLEY ARM	CHANGED OTHER	FIELD INSPECTION	NO
1/6/98 4:21 PM	54	32	OTHER	TIE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/6/98 4:47 PM	108	11	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/6/98 11:11 PM	209	48	WILDLIFE	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
1/7/98 6:58 AM	137	29	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/7/98 12:31 PM	29	12	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
1/8/98 2:10 AM	110	29	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/8/98 7:41 AM	124	218	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED EQUIPMENT	TREE TRIMMING	NO
1/8/98 8:35 AM	130	18	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/8/98 9:07 AM	50	872	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/8/98 9:12 AM	168	36	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
1/8/98 9:55 AM	80	7402	WEATHER - WIND	STATIC WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/8/98 10:30 AM	120	17	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/8/98 10:32 AM	73	117	WEATHER - WIND	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/8/98 10:49 AM	5	444	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
1/8/98 10:57 AM	10	444	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
1/8/98 11:09 AM	51	118	WEATHER - WIND	PHASE WIRE	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
1/8/98 12:10 PM	80	45	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/8/98 12:21 PM	129	39	WEATHER - ICE	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/8/98 1:06 PM	54	106	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/8/98 1:19 PM	9	617	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
1/8/98 1:29 PM	91	21	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
1/8/98 1:42 PM	183	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/8/98 3:01 PM	124	34	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/8/98 3:11 PM	519	18	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
1/8/98 3:43 PM	87	10	TREE CONTACT - PRIMARY	TAP WIRE	REPAIRED EQUIPMENT	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
1/8/98 4:16 PM	114	19	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
1/8/98 4:45 PM	75	36	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/8/98 4:50 PM	295	186	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
1/8/98 5:49 PM	32	1501	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
1/8/98 6:09 PM	131	165	WEATHER - WIND	OTHER EQUIPMENT	CLOSED SUBSTATION RECLOSER	FIELD INSPECTION	NO
1/8/98 6:30 PM	30	105	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
1/8/98 7:32 PM	428	13	WEATHER - ICE	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/8/98 7:50 PM	310	82	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
1/8/98 8:09 PM	232	22	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
1/8/98 8:55 PM	125	66	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
1/8/98 9:30 PM	135	38	PUBLIC - ACCIDENT BY OTHERS	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
1/8/98 9:33 PM	377	83	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
1/8/98 10:18 PM	72	2846	UNKNOWN	SWITCH/DISCONNECT/LTD	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/8/98 11:51 PM	159	17	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
1/9/98 1:18 AM	267	31	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/9/98 1:42 AM	198	19	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/9/98 2:41 AM	244	114	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
1/9/98 4:13 AM	467	209	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
1/9/98 4:34 AM	376	165	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
1/9/98 5:22 AM	83	17	WEATHER - WIND	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/9/98 6:37 AM	83	17	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/9/98 10:22 AM	268	17	PUBLIC - ACCIDENT BY OTHERS	POLE	CHANGED OTHER	NO ACTION NEEDED	NO
1/9/98 10:27 AM	23	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/9/98 10:43 AM	82	25	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/9/98 11:16 AM	209	13	WEATHER - ICE	CROSS/ALLEY ARM	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/9/98 11:57 AM	83	53	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED SECTIONALIZER	TREE TRIMMING	NO
1/9/98 11:58 AM	102	259	TREE LIMB BROKEN - PRIMARY	LINE RECLOSER	CLOSED LINE RECLOSER	TREE TRIMMING	NO
1/9/98 12:11 PM	49	17	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/9/98 12:47 PM	73	10	WEATHER - ICE	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/9/98 1:02 PM	88	35	UNKNOWN	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/9/98 1:12 PM	48	12	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
1/9/98 1:22 PM	18	11	PUBLIC - VEHICLES	POLE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
1/9/98 9:59 PM	91	25	WEATHER - WIND	RECTIFIER	TREE REMOVED	FIELD INSPECTION	NO
1/10/98 6:59 AM	181	89	WEATHER - EXTREME COLD	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/10/98 11:12 AM	33	25	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
1/10/98 12:20 PM	115	52	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/10/98 1:00 PM	150	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/10/98 1:10 PM	245	25	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
1/10/98 2:00 PM	275	151	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/10/98 2:05 PM	430	36	UNKNOWN	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
1/10/98 9:17 PM	58	18	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/12/98 2:01 PM	224	17	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
1/12/98 2:10 PM	145	13	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
1/12/98 2:21 PM	38	9333	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
1/12/98 5:22 PM	13	75	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/12/98 5:30 PM	112	41	WEATHER - ICE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/12/98 7:48 PM	82	452	PUBLIC - ACCIDENT BY OTHERS	POLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
1/12/98 7:53 PM	142	54	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
1/13/98 6:46 AM	134	16	WEATHER - EXTREME COLD	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/13/98 7:31 AM	69	40	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/14/98 10:15 AM	90	17	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
1/14/98 12:04 PM	57	89	WILDLIFE	PHASE WIRE	REPLACED EQUIPMENT	ANIMAL GUARD CHECK	NO
1/14/98 1:03 PM	37	2036	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/14/98 3:24 PM	61	44	PUBLIC - ACCIDENT BY OTHERS	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
1/15/98 11:04 AM	76	31	PUBLIC - DIG-IN BY OTHERS	CABLE JOINT/SPLICE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
1/15/98 12:30 PM	120	46	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/15/98 9:23 PM	172	141	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/16/98 12:01 AM	219	84	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/16/98 8:13 AM	7	3980	OVERHEAD EQUIPMENT - MALFUNCTION	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
1/16/98 9:07 AM	73	36	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
1/16/98 11:26 PM	364	15	UNKNOWN	FUSE/CUTOUT	CHANGED OTHER	FIELD INSPECTION	NO
1/17/98 1:18 AM	96	1267	PUBLIC - ACCIDENT BY OTHERS	POLE	CHANGED OTHER	NO ACTION NEEDED	NO
1/17/98 1:50 AM	280	30	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
1/17/98 11:09 AM	241	23	OTHER	UNDERGROUND TRANSFORMER	CHANGED OTHER	FIELD INSPECTION	NO
1/17/98 3:42 PM	142	37	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/17/98 4:40 PM	150	51	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED EQUIPMENT	TREE TRIMMING	NO
1/19/98 5:41 AM	424	1225	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
1/19/98 10:17 AM	28	10	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
1/20/98 10:30 AM	15	44	COMED/CONTRACTOR - ACCIDENT BY COMED	CABLE	TEMPORARY SWITCHING	TRAINING	NO
1/20/98 1:41 PM	34	12	COMED/CONTRACTOR - ACCIDENT BY CONTRACTOR	PHASE WIRE	REPLACED FUSE OR CUTOUT	TRAINING	NO
1/20/98 2:21 PM	249	126	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
1/20/98 8:50 PM	178	8367	WEATHER - WIND	STATIC WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/21/98 6:09 AM	216	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
1/21/98 7:11 AM	19	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/22/98 11:46 AM	37	6824	UNKNOWN	PHASE WIRE	OTHER	FIELD INSPECTION	NO
1/22/98 10:37 PM	28	86	OTHER	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/23/98 7:42 PM	778	37	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	YES
1/24/98 7:20 AM	80	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
1/24/98 7:35 AM	65	151	OTHER	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/25/98 7:31 AM	212	75	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/25/98 8:23 AM	147	40	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/25/98 1:10 PM	30	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
1/26/98 9:55 AM	55	390	WILDLIFE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
1/26/98 10:18 AM	332	4126	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/26/98 11:20 AM	55	35	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
1/27/98 1:06 AM	259	122	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
1/27/98 2:44 AM	146	36	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/27/98 9:07 AM	34	22	COMED/CONTRACTOR - ACCIDENT BY CONTRACTOR	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TRAINING	NO
1/27/98 9:47 AM	148	98	UNDERGROUND EQUIPMENT - UG FAILURE	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/27/98 2:29 PM	106	19	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
1/27/98 4:31 PM	135	44	OTHER	CONNECTOR/SLEEVE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
1/28/98 4:44 AM	81	10	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/28/98 8:59 AM	51	28	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	UNDERGROUND TRANSFORMER	OTHER	NO ACTION NEEDED	NO / \$294.00
1/28/98 9:40 AM	70	36	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	OVERHEAD TRANSFORMER	OTHER	NO ACTION NEEDED	NO
1/28/98 10:20 AM	90	17	OVERHEAD EQUIPMENT - MALFUNCTION	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
1/28/98 12:10 PM	80	74	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/29/98 5:02 AM	113	13	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/29/98 6:12 AM	148	109	UNDERGROUND EQUIPMENT - CONTAMINATION	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
1/30/98 2:18 PM	12	10	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	OVERHEAD TRANSFORMER	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
1/31/98 2:23 AM	142	19	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OTHER	NO ACTION NEEDED	NO
1/31/98 2:37 PM	83	12	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
1/31/98 4:05 PM	145	12	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
2/1/98 2:05 AM	555	51	PUBLIC - FIRE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
2/1/98 7:52 AM	323	101	UNDERGROUND EQUIPMENT - UG FAILURE	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
2/1/98 11:05 AM	35	15	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
2/1/98 1:52 PM	50	10238	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/1/98 2:54 PM	46	13	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
2/1/98 6:15 PM	200	31	OTHER	CABLE JOINT/SPLICE	TEMPORARY SWITCHING	FIELD INSPECTION	NO

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2/1/98 8:33 PM	142	26	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
2/1/98 10:49 PM	230	174	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
2/2/98 9:22 AM	428	99	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
2/2/98 12:02 PM	159	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/3/98 12:57 AM	39	87	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
2/3/98 10:32 AM	15	18	COMED/CONTRACTOR - UNCLASSIFIED ERROR	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	TRAINING	NO
2/3/98 7:50 PM	115	139	PUBLIC - VEHICLES	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
2/4/98 8:20 AM	161	22	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
2/4/98 10:09 PM	186	29	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
2/6/98 6:59 AM	41	136	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
2/6/98 9:19 AM	81	85	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/6/98 10:10 AM	20	20	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	SUBSTATION TRANSFORMER	OTHER	NO ACTION NEEDED	NO
2/6/98 12:24 PM	457	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
2/6/98 3:40 PM	277	73	UNKNOWN	CABLE JOINT/SPLICE	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
2/6/98 6:08 PM	45	10	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/6/98 6:42 PM	74	26	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
2/7/98 8:38 AM	60	10	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
2/7/98 12:06 PM	186	78	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/8/98 2:27 AM	228	18	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/8/98 1:50 PM	95	4035	PUBLIC - ACCIDENT BY OTHERS	POLE	CLOSED SUBSTATION BREAKER	NO ACTION NEEDED	NO
2/9/98 11:07 AM	438	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
2/9/98 1:54 PM	56	10	OVERHEAD EQUIPMENT - MALFUNCTION	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
2/9/98 4:25 PM	196	37	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/9/98 5:25 PM	140	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/10/98 6:23 AM	122	24	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/10/98 9:54 AM	61	24	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
2/10/98 11:05 AM	29	1349	UNKNOWN	LINE RECLOSER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/10/98 1:02 PM	271	13	PUBLIC - ACCIDENT BY OTHERS	UNDERGROUND TRANSFORMER	REPLACED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
2/10/98 1:39 PM	106	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
2/10/98 8:07 PM	232	18	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
2/11/98 5:27 AM	483	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
2/11/98 7:06 AM	69	389	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/11/98 9:51 AM	479	36	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
2/11/98 2:28 PM	242	43	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
2/12/98 4:50 AM	157	96	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/12/98 9:25 AM	35	12	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	OVERHEAD TRANSFORMER	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
2/12/98 10:07 AM	33	18	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
2/12/98 10:25 AM	45	31	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
2/12/98 11:31 AM	6	449	OTHER	REGULATOR	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/12/98 2:35 PM	385	37	COMED/CONTRACTOR - DIG-IN BY CONTRACTOR	CABLE	REPAIRED UNDERGROUND MATERIAL	TRAINING	NO
2/13/98 6:16 PM	224	27	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/14/98 8:47 AM	98	20	WILDLIFE	OVERHEAD TRANSFORMER	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
2/14/98 12:41 PM	89	12	OTHER	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/14/98 4:52 PM	333	454	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/14/98 11:14 PM	216	11	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
2/15/98 12:02 AM	518	20	PUBLIC - VEHICLES	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
2/15/98 8:22 AM	113	11	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
2/15/98 8:39 AM	191	10	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
2/16/98 2:36 AM	144	19	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
2/16/98 3:59 AM	61	33	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
2/16/98 5:04 AM	76	34	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
2/16/98 5:40 AM	81	33	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
2/16/98 6:46 AM	79	34	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
2/16/98 8:46 AM	74	11	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
2/16/98 11:41 AM	139	97	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
2/16/98 12:51 PM	329	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
2/16/98 2:51 PM	74	89	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
2/16/98 5:41 PM	64	39	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
2/16/98 8:23 PM	314	12	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/16/98 11:23 PM	278	191	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/17/98 12:53 AM	248	88	OVERHEAD EQUIPMENT - MALFUNCTION	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/17/98 6:37 AM	38	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
2/17/98 8:37 AM	8	18	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
2/17/98 2:41 PM	319	44	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
2/17/98 2:58 PM	167	46	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
2/17/98 11:46 PM	239	14	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
2/18/98 1:56 PM	69	34	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/19/98 10:12 AM	58	55	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
2/19/98 2:49 PM	22	1728	OVERHEAD EQUIPMENT - MALFUNCTION	REGULATOR	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
2/20/98 4:57 PM	93	10	UNKNOWN	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
2/20/98 10:52 PM	278	12	PUBLIC - VEHICLES	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	NO ACTION NEEDED	NO
2/22/98 10:40 AM	60	10	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
2/22/98 2:14 PM	391	67	UNKNOWN	TERMINATION	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
2/23/98 1:48 AM	212	78	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/23/98 7:49 AM	71	11	PUBLIC - ACCIDENT BY OTHERS	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
2/23/98 12:33 PM	17	13	OTHER	CROSS/ALLEY ARM	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
2/23/98 1:58 PM	87	19	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
2/23/98 2:09 PM	73	110	COMED/CONTRACTOR - SWITCHING ERROR	UNDERGROUND TRANSFORMER	OTHER	TRAINING	NO
2/24/98 1:03 AM	367	21	UNDERGROUND EQUIPMENT - MALFUNCTION	TERMINATION	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
2/24/98 7:59 AM	33	57	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
2/24/98 9:22 AM	98	17	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
2/24/98 10:15 AM	505	18	UNKNOWN	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
2/24/98 3:40 PM	105	97	PUBLIC - ACCIDENT BY OTHERS	FUSE/CUTOUT	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
2/24/98 10:36 PM	174	37	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/25/98 10:35 AM	17	24	OTHER	ARRESTER	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/25/98 1:34 PM	211	17	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
2/25/98 6:19 PM	116	471	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
2/25/98 9:07 PM	8	296	INTENTIONAL - EMERGENCY REPAIRS	LINE RECLOSER	OTHER	FIELD INSPECTION	NO
2/26/98 8:56 AM	49	2239	PUBLIC - ACCIDENT BY OTHERS	GUY WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
2/26/98 11:43 AM	72	202	UNKNOWN	LINE RECLOSER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
2/26/98 3:34 PM	86	40	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
2/26/98 6:09 PM	61	88	OTHER	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
2/27/98 7:54 AM	76	694	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/27/98 7:55 AM	37	13	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
2/27/98 8:04 AM	36	145	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
2/27/98 8:12 AM	48	57	OVERHEAD EQUIPMENT - BROKEN FUSE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
2/27/98 9:15 AM	45	101	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
2/27/98 9:36 AM	114	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
2/27/98 9:56 AM	79	20	OTHER	CROSS/ALLEY ARM	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
2/27/98 11:32 AM	158	101	OVERHEAD EQUIPMENT - MALFUNCTION	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
2/27/98 12:28 PM	329	25	COMED/CONTRACTOR - ACCIDENT BY COMED	POLE	REPLACED EQUIPMENT	TRAINING	NO
2/27/98 1:30 PM	80	19	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
2/27/98 1:44 PM	61	92	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
3/1/98 10:32 AM	508	180	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
3/2/98 8:25 AM	4	1485	PUBLIC - ACCIDENT BY OTHERS	GUY WIRE	OTHER	NO ACTION NEEDED	NO
3/2/98 12:48 PM	2	43	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/2/98 7:15 PM	40	407	PUBLIC - VEHICLES	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
3/3/98 1:07 PM	93	18	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/3/98 6:04 PM	136	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
3/3/98 6:34 PM	116	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/3/98 9:01 PM	114	50	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
3/4/98 10:38 AM	22	16	PUBLIC - ACCIDENT BY OTHERS	POLE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
3/5/98 9:06 AM	9	19	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
3/7/98 2:18 AM	182	40	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/7/98 10:33 PM	187	70	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/7/98 11:10 PM	155	112	OTHER	CROSS/ALLEY ARM	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/8/98 7:22 AM	128	223	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/8/98 7:46 AM	385	46	WEATHER - WIND	INSULATOR	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/8/98 8:50 AM	80	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/8/98 9:20 AM	550	34	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
3/8/98 11:00 AM	314	3187	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/8/98 12:12 PM	1	27	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
3/8/98 1:09 PM	261	466	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/8/98 8:29 PM	121	14	OVERHEAD EQUIPMENT - MALFUNCTION	REGULATOR	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
3/8/98 9:16 PM	84	973	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
3/8/98 9:20 PM	85	77	WEATHER - WIND	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/8/98 11:03 PM	377	338	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/8/98 11:29 PM	121	1191	WEATHER - WIND	SWITCH/DISCONNECT/LTD	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/8/98 11:30 PM	117	344	WEATHER - WIND	SWITCH/DISCONNECT/LTD	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/8/98 11:30 PM	117	2471	WEATHER - WIND	SWITCH/DISCONNECT/LTD	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/8/98 11:31 PM	119	930	WEATHER - WIND	SWITCH/DISCONNECT/LTD	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/8/98 11:50 PM	530	76	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/9/98 12:05 AM	345	5996	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 12:59 AM	241	936	WEATHER - ICE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 1:41 AM	319	102	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 2:44 AM	366	45	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/9/98 2:49 AM	251	417	WEATHER - ICE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 2:49 AM	361	20	UNKNOWN	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/9/98 2:56 AM	469	42	WEATHER - WIND	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/9/98 3:28 AM	132	54	WEATHER - WIND	PHASE WIRE	OTHER	FIELD INSPECTION	NO
3/9/98 3:28 AM	192	34	WEATHER - ICE	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 3:36 AM	404	65	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 3:38 AM	217	43	WEATHER - ICE	TAP WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 3:43 AM	557	1728	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
3/9/98 3:46 AM	137	13223	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SUBSTATION TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
3/9/98 3:50 AM	700	79	WEATHER - ICE	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 3:51 AM	377	15	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 3:59 AM	481	1588	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 3:59 AM	591	4343	WEATHER - FLOODING/RAIN	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/9/98 4:07 AM	360	18	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 4:09 AM	276	30	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 4:11 AM	254	83	WEATHER - WIND	PHASE WIRE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
3/9/98 4:13 AM	145	1780	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
3/9/98 4:15 AM	260	78	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/9/98 4:17 AM	297	4134	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
3/9/98 4:44 AM	71	662	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	LINE RECLOSER	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
3/9/98 4:48 AM	247	201	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/9/98 5:04 AM	431	324	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
3/9/98 5:06 AM	234	698	PUBLIC - FIRE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
3/9/98 5:20 AM	355	103	OTHER	ARRESTER	OTHER	FIELD INSPECTION	NO
3/9/98 5:33 AM	156	2265	WEATHER - WIND	PHASE WIRE	OTHER	FIELD INSPECTION	NO
3/9/98 5:34 AM	296	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 5:34 AM	806	88	WEATHER - ICE	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 5:39 AM	740	1742	WEATHER - WIND	SWITCH/DISCONNECT/LTD	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/9/98 5:40 AM	440	50	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
3/9/98 5:53 AM	201	11	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
3/9/98 5:58 AM	172	11	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 6:07 AM	653	18	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 6:24 AM	303	473	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 6:25 AM	365	148	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 6:29 AM	216	36	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 6:43 AM	857	415	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 6:46 AM	59	164	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 6:49 AM	116	11	WEATHER - ICE	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 6:55 AM	155	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/9/98 6:56 AM	234	142	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 6:59 AM	85	131	WEATHER - WIND	LINE RECLOSER	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/9/98 7:07 AM	213	71	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 7:35 AM	113	4703	WEATHER - WIND	PHASE WIRE	OTHER	FIELD INSPECTION	NO
3/9/98 7:38 AM	122	1935	WEATHER - WIND	PHASE WIRE	OTHER	FIELD INSPECTION	NO
3/9/98 7:42 AM	208	314	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/9/98 7:59 AM	46	48	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED EQUIPMENT	TREE TRIMMING	NO
3/9/98 8:06 AM	272	2277	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
3/9/98 8:10 AM	10	1112	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
3/9/98 8:26 AM	244	40	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPAIRED EQUIPMENT	TREE TRIMMING	NO
3/9/98 8:35 AM	460	142	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SUBSTATION BREAKER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/9/98 9:08 AM	517	116	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
3/9/98 9:11 AM	69	19	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/9/98 9:30 AM	112	642	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 9:40 AM	50	16	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 9:52 AM	53	108	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/9/98 10:05 AM	137	12	WEATHER - ICE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 10:05 AM	415	31	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SUBSTATION RECLOSER	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
3/9/98 10:16 AM	6	2092	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SUBSTATION TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
3/9/98 10:16 AM	59	10	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 10:26 AM	289	75	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/9/98 10:31 AM	104	20	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/9/98 10:32 AM	183	501	WEATHER - WIND	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
3/9/98 10:35 AM	100	1376	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 10:41 AM	111	226	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
3/9/98 11:11 AM	409	329	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 11:28 AM	122	107	WEATHER - ICE	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 11:50 AM	310	1510	WEATHER - WIND	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
3/9/98 11:53 AM	202	10	TREE LIMB BROKEN - PRIMARY	POLE	TEMPORARY SWITCHING	TREE TRIMMING	NO
3/9/98 12:05 PM	155	39	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/9/98 12:19 PM	131	921	WEATHER - ICE	RECTIFIER	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/9/98 12:24 PM	576	1709	WEATHER - ICE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 12:48 PM	33	1353	WEATHER - WIND	PHASE WIRE	OTHER	FIELD INSPECTION	NO
3/9/98 12:48 PM	107	32	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 12:55 PM	95	81	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 1:07 PM	143	1531	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SWITCH/DISCONNECT/LTD	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/9/98 1:07 PM	323	20	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 1:14 PM	301	2405	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 2:01 PM	79	1275	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 2:14 PM	121	1388	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SUBSTATION BREAKER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/9/98 2:19 PM	181	2248	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/9/98 3:07 PM	103	11	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/9/98 4:30 PM	490	566	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/9/98 4:43 PM	17	12	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
3/9/98 6:17 PM	73	11	WEATHER - ICE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
3/9/98 7:44 PM	281	23	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/9/98 9:38 PM	128	82	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
3/9/98 10:34 PM	206	13	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OTHER	NO ACTION NEEDED	NO
3/10/98 12:03 AM	102	23	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
3/10/98 12:12 AM	63	430	UNKNOWN	LINE RECLOSER	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
3/10/98 5:48 AM	67	14	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/10/98 5:51 AM	219	91	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/10/98 7:34 AM	356	11	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/10/98 10:18 AM	130	1778	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/10/98 11:35 AM	80	1278	PUBLIC - DIG-IN BY OTHERS	CABLE	OTHER	NO ACTION NEEDED	NO
3/10/98 1:25 PM	105	23	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/10/98 6:41 PM	199	10	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
3/11/98 8:21 AM	84	34	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
3/11/98 10:55 AM	45	265	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
3/11/98 11:44 AM	53	41	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/11/98 4:06 PM	194	27	PUBLIC - VEHICLES	POLE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
3/12/98 1:42 PM	168	18	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
3/12/98 2:55 PM	125	19	UNKNOWN	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
3/12/98 3:38 PM	142	26	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY JUMPER TO RESTORE	NO ACTION NEEDED	NO
3/12/98 5:30 PM	160	165	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
3/13/98 8:43 AM	32	9404	UNKNOWN	SWITCH/DISCONNECT/LTD	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/13/98 8:45 AM	165	100	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
3/13/98 2:29 PM	141	288	PUBLIC - VEHICLES	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
3/13/98 5:21 PM	19	21	UNKNOWN	TAP WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/14/98 5:15 AM	95	3955	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/14/98 9:04 AM	41	5516	PUBLIC - FOREIGN OBJECT	PHASE WIRE	CLOSED SUBSTATION BREAKER	NO ACTION NEEDED	NO
3/15/98 9:59 PM	226	774	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/16/98 5:55 AM	50	7638	OTHER	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
3/16/98 9:28 AM	192	250	WEATHER - ICE	ARRESTER	CLOSED SUBSTATION RECLOSER	FIELD INSPECTION	NO
3/16/98 11:26 AM	54	19	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/16/98 11:26 AM	74	177	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
3/16/98 1:40 PM	30	17	OTHER	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/16/98 3:42 PM	328	37	PUBLIC - ACCIDENT BY OTHERS	GUY WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
3/16/98 10:49 PM	101	113	PUBLIC - VEHICLES	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
3/17/98 6:47 AM	98	18	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/17/98 8:48 AM	127	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
3/17/98 9:51 AM	58	6058	UNKNOWN	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/17/98 10:19 AM	51	10	PUBLIC - ACCIDENT BY OTHERS	AERIAL CABLE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
3/17/98 10:40 AM	30	212	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/17/98 8:55 PM	65	130	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/18/98 2:31 AM	99	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/18/98 3:35 AM	355	48	UNDERGROUND EQUIPMENT - UG FAILURE	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
3/18/98 4:24 AM	186	56	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/18/98 5:16 AM	44	11	OTHER	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
3/18/98 8:28 AM	97	1491	OVERHEAD EQUIPMENT - MALFUNCTION	ARRESTER	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/18/98 9:13 AM	242	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
3/18/98 9:24 AM	66	10	PUBLIC - ACCIDENT BY OTHERS	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
3/18/98 10:47 AM	78	11	PUBLIC - ACCIDENT BY OTHERS	LINE RECLOSER	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
3/18/98 11:11 AM	159	382	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/18/98 12:14 PM	146	452	OVERHEAD EQUIPMENT - MALFUNCTION	INSULATOR	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/18/98 12:39 PM	261	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/18/98 11:27 PM	98	25	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/19/98 4:10 AM	120	107	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/19/98 10:18 AM	122	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/19/98 12:32 PM	68	78	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
3/19/98 1:44 PM	16	13	OTHER	CABLE	OTHER	FIELD INSPECTION	NO
3/19/98 10:41 PM	69	20	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/20/98 2:41 AM	139	18	TREE CONTACT - PRIMARY	PHASE WIRE	TEMPORARY SWITCHING	TREE TRIMMING	NO
3/20/98 10:36 AM	214	205	UNKNOWN	TERMINATION	REPLACED TRANSFORMER	FIELD INSPECTION	NO
3/20/98 2:06 PM	54	73	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/20/98 4:09 PM	51	37	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/20/98 6:49 PM	71	66	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/21/98 4:12 AM	468	13	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
3/21/98 7:22 AM	73	706	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
3/21/98 10:20 AM	160	52	UNDERGROUND EQUIPMENT - UG FAILURE	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/21/98 7:27 PM	63	34	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/22/98 2:23 AM	160	29	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/23/98 6:47 AM	103	52	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/23/98 7:44 AM	18	14	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
3/23/98 8:37 AM	98	15	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPAIRED OTHER	FIELD INSPECTION	NO
3/23/98 9:10 AM	85	12	WEATHER - LIGHTNING	ARRESTER	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/23/98 12:03 PM	147	16	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
3/23/98 9:31 PM	87	15	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
3/24/98 6:02 AM	383	114	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
3/24/98 12:27 PM	248	25	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
3/24/98 1:31 PM	84	23	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
3/24/98 2:30 PM	95	103	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
3/24/98 8:02 PM	53	14	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
3/25/98 8:42 AM	83	27	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
3/25/98 9:45 AM	45	1562	COMED/CONTRACTOR - SWITCHING ERROR	SUBSTATION BREAKER	CLOSED SUBSTATION BREAKER	TRAINING	NO
3/25/98 9:52 AM	138	46	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/25/98 11:12 AM	88	13	CUSTOMER - EQUIPMENT	PHASE WIRE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
3/25/98 1:05 PM	70	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE JOINT/SPLICE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/25/98 1:28 PM	40	7402	UNKNOWN	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/25/98 1:49 PM	366	108	COMED/CONTRACTOR - SWITCHING ERROR	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	TRAINING	NO
3/25/98 4:43 PM	177	112	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/25/98 5:46 PM	59	13	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
3/25/98 8:25 PM	35	104	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/26/98 9:54 AM	56	49	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
3/26/98 10:31 AM	79	36	UNDERGROUND EQUIPMENT - UG FAILURE	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/26/98 12:01 PM	74	10	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/26/98 12:08 PM	80	101	WEATHER - WIND	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
3/26/98 1:07 PM	63	52	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
3/26/98 1:23 PM	107	65	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/26/98 1:51 PM	84	42	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
3/26/98 1:58 PM	77	18	WEATHER - WIND	PHASE WIRE	OTHER	FIELD INSPECTION	NO
3/26/98 2:00 PM	135	516	WEATHER - WIND	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/26/98 2:14 PM	54	3362	PUBLIC - FOREIGN OBJECT	PHASE WIRE	OTHER	NO ACTION NEEDED	NO
3/26/98 2:24 PM	46	214	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/26/98 2:38 PM	62	58	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/26/98 2:38 PM	112	73	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
3/26/98 2:48 PM	122	101	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/26/98 2:50 PM	40	83	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/26/98 2:58 PM	112	26	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/26/98 4:10 PM	245	1023	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
3/26/98 4:16 PM	62	1829	WEATHER - WIND	GROUND WIRE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
3/26/98 4:22 PM	218	13	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
3/26/98 4:33 PM	157	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/26/98 4:55 PM	110	173	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/26/98 4:59 PM	76	11	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/26/98 5:24 PM	56	89	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
3/26/98 8:36 PM	69	14	WEATHER - WIND	PHASE WIRE	OTHER	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
3/27/98 3:06 AM	84	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
3/27/98 6:14 AM	56	17	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
3/27/98 8:30 AM	195	107	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/27/98 12:12 PM	228	10	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/27/98 7:53 PM	262	26	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/27/98 8:03 PM	137	11	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/27/98 8:13 PM	41	2103	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
3/27/98 8:21 PM	189	16	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/27/98 8:23 PM	127	240	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/27/98 8:26 PM	144	11	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/27/98 8:46 PM	97	3649	UNKNOWN	POLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/27/98 8:56 PM	49	29	WEATHER - WIND	PHASE WIRE	OTHER	FIELD INSPECTION	NO
3/27/98 9:00 PM	80	3282	WEATHER - WIND	POLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/28/98 5:52 AM	41	527	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
3/28/98 5:57 AM	123	40	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
3/28/98 5:59 AM	121	117	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
3/28/98 9:18 AM	92	14	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/28/98 9:39 AM	44	4901	OTHER	PHASE WIRE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
3/28/98 10:46 AM	104	20	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
3/28/98 1:14 PM	96	108	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/28/98 3:50 PM	160	12	TREE CONTACT - SECONDARY	AERIAL CABLE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/28/98 6:46 PM	74	14	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/28/98 7:24 PM	256	118	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/28/98 11:52 PM	128	52	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/29/98 9:16 AM	194	14	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/29/98 12:26 PM	154	243	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/29/98 1:13 PM	267	87	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/29/98 3:25 PM	516	107	TREE CONTACT - PRIMARY	LINE RECLOSER	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/29/98 4:22 PM	287	54	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/29/98 4:48 PM	222	28	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/29/98 7:01 PM	179	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/29/98 11:31 PM	269	29	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/30/98 5:03 AM	52	3024	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/30/98 10:17 AM	68	82	PUBLIC - VEHICLES	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
3/30/98 11:06 AM	1	17	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
3/30/98 12:27 PM	138	57	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
3/30/98 7:07 PM	53	119	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
3/30/98 11:17 PM	73	1423	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
3/31/98 12:34 AM	151	394	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/31/98 6:40 AM	155	80	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/31/98 2:38 PM	156	199	WEATHER - WIND	CROSS/ALLEY ARM	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/31/98 4:55 PM	110	13	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
3/31/98 6:18 PM	132	22	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
3/31/98 6:59 PM	200	17	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
3/31/98 8:41 PM	119	87	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
3/31/98 10:15 PM	20	16	OTHER	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/1/98 2:52 AM	65	4198	UNDERGROUND EQUIPMENT - UG FAILURE	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/1/98 1:58 PM	122	29	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/2/98 9:57 AM	118	63	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
4/2/98 2:48 PM	252	13	PUBLIC - ACCIDENT BY OTHERS	CROSS/ALLEY ARM	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
4/3/98 4:09 AM	151	25	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/3/98 4:15 AM	90	13	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/3/98 9:57 AM	88	93	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
4/3/98 11:06 AM	24	21	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	NO ACTION NEEDED	NO
4/3/98 7:37 PM	111	30	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
4/4/98 9:51 AM	49	15	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
4/4/98 10:57 AM	123	25	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/4/98 3:12 PM	153	29	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/5/98 9:34 AM	86	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/5/98 10:37 AM	173	20	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/5/98 3:56 PM	190	241	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
4/6/98 11:30 AM	75	17	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
4/6/98 8:59 PM	76	41	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/7/98 9:28 AM	62	31	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
4/7/98 3:40 PM	169	42	OTHER	CROSS/ALLEY ARM	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/7/98 3:57 PM	123	251	PUBLIC - VEHICLES	GUY WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
4/7/98 4:51 PM	139	22	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/7/98 8:52 PM	118	20	WEATHER - LIGHTNING	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
4/7/98 9:21 PM	69	72	WEATHER - LIGHTNING	CONNECTOR/SLEEVE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/7/98 9:57 PM	203	10	WEATHER - LIGHTNING	ARRESTER	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/7/98 10:00 PM	201	511	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/8/98 12:09 AM	501	39	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
4/8/98 11:16 PM	74	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
4/9/98 12:45 AM	105	45	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/9/98 6:31 AM	239	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
4/9/98 8:29 AM	45	33	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	PHASE WIRE	TREE TRIMMED	NO ACTION NEEDED	NO
4/9/98 10:24 AM	51	47	COMED/CONTRACTOR - DIG-IN BY COMED	CABLE	REPAIRED UNDERGROUND MATERIAL	TRAINING	NO
4/9/98 3:00 PM	32	2073	OTHER	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/10/98 9:39 AM	306	15	OTHER	CABLE	CLOSED SWITCH/DISCONNECT/LT	FIELD INSPECTION	NO
4/10/98 9:40 AM	110	16	OTHER	OTHER	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/10/98 2:22 PM	68	13	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
4/11/98 4:13 AM	177	11	WILDLIFE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
4/11/98 7:37 AM	48	54	WILDLIFE	FUSE/CUTOUT	REPLACED EQUIPMENT	ANIMAL GUARD CHECK	NO
4/11/98 10:38 AM	262	13	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPAIRED OTHER	FIELD INSPECTION	NO
4/11/98 5:16 PM	104	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
4/12/98 2:13 AM	132	438	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	CLOSED SUBSTATION BREAKER	NO ACTION NEEDED	NO
4/12/98 7:36 AM	159	145	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/12/98 10:48 AM	65	12	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/12/98 12:12 PM	188	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/12/98 1:20 PM	120	51	OTHER	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/12/98 1:53 PM	47	34	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
4/12/98 2:16 PM	269	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/12/98 2:42 PM	228	78	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
4/12/98 2:59 PM	400	83	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/12/98 3:00 PM	75	22	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/12/98 3:22 PM	163	21	WEATHER - WIND	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
4/12/98 3:33 PM	297	154	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/12/98 3:42 PM	393	15	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
4/12/98 3:47 PM	283	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/12/98 4:09 PM	261	225	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/12/98 4:20 PM	310	89	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/12/98 4:31 PM	99	95	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/12/98 4:51 PM	264	24	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
4/12/98 5:04 PM	216	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
4/12/98 5:17 PM	223	263	OVERHEAD EQUIPMENT - MALFUNCTION	LINE RECLOSER	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
4/12/98 5:33 PM	177	18	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/12/98 5:36 PM	174	84	WEATHER - WIND	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/12/98 6:36 PM	74	14	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/12/98 7:02 PM	253	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/12/98 8:26 PM	114	11	OVERHEAD EQUIPMENT - MALFUNCTION	METER ENTRANCE	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
4/12/98 11:22 PM	128	13	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/12/98 11:31 PM	119	73	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
4/13/98 12:13 AM	362	24	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/13/98 6:28 AM	39	1198	WILDLIFE	SUBSTATION TRANSFORMER	TEMPORARY SWITCHING	ANIMAL GUARD CHECK	NO
4/13/98 6:29 AM	161	10	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
4/13/98 2:39 PM	191	18	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/13/98 2:40 PM	73	6060	OTHER	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/13/98 3:12 PM	108	167	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
4/13/98 3:17 PM	28	139	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/13/98 6:03 PM	27	13	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/14/98 1:16 AM	212	3161	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/14/98 4:15 AM	120	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
4/14/98 7:08 AM	187	16	OTHER	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/14/98 8:07 AM	73	105	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/15/98 10:41 AM	66	36	PUBLIC - ACCIDENT BY OTHERS	POLE	CLOSED LINE RECLOSER	NO ACTION NEEDED	NO
4/15/98 3:10 PM	240	61	PUBLIC - ACCIDENT BY OTHERS	CABLE JOINT/SPLICE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
4/15/98 4:25 PM	66	40	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/15/98 5:29 PM	66	14	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/15/98 6:14 PM	136	43	WEATHER - LIGHTNING	ARRESTER	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/15/98 7:02 PM	148	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/15/98 8:47 PM	133	22	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/16/98 1:06 AM	99	197	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/16/98 11:05 AM	100	30	UNKNOWN	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/16/98 11:10 AM	95	12	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPAIRED OTHER	FIELD INSPECTION	NO
4/16/98 3:47 PM	103	15	OTHER	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/16/98 6:21 PM	129	14	OVERHEAD EQUIPMENT - CONTAMINATION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/16/98 11:15 PM	145	73	WILDLIFE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
4/17/98 5:31 AM	114	14	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/17/98 9:38 AM	52	29	OVERHEAD EQUIPMENT - MALFUNCTION	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/17/98 11:53 AM	112	10	PUBLIC - ACCIDENT BY OTHERS	AERIAL CABLE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
4/18/98 9:12 AM	28	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/18/98 10:07 AM	88	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
4/18/98 11:10 AM	290	211	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
4/18/98 2:51 PM	239	11	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
4/19/98 6:55 AM	65	20	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/19/98 7:00 AM	90	12	WILDLIFE	TERMINATION	REPAIRED UNDERGROUND MATERIAL	ANIMAL GUARD CHECK	NO
4/19/98 1:07 PM	658	101	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
4/19/98 5:33 PM	98	278	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	OVERHEAD TRANSFORMER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/19/98 5:35 PM	45	28	UNKNOWN	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
4/19/98 6:37 PM	53	52	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/20/98 6:08 AM	92	29	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/20/98 7:36 AM	39	18	PUBLIC - VEHICLES	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
4/20/98 8:49 AM	291	14	PUBLIC - DIG-IN BY OTHERS	CABLE	REPLACED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
4/20/98 5:41 PM	48	56	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/20/98 5:49 PM	86	17	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/20/98 6:28 PM	20	2810	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SUBSTATION BREAKER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/21/98 6:29 AM	231	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/21/98 8:41 AM	9	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE JOINT/SPLICE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/21/98 2:14 PM	121	16	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
4/21/98 4:03 PM	87	14	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/22/98 12:54 PM	371	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
4/22/98 3:57 PM	83	59	UNKNOWN	ARRESTER	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/22/98 4:50 PM	66	16	UNKNOWN	FUSE/CUTOUT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/22/98 7:45 PM	20	126	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
4/22/98 9:01 PM	99	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
4/23/98 4:21 AM	89	25	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/23/98 7:34 AM	22	1280	COMED/CONTRACTOR - SWITCHING ERROR	OTHER EQUIPMENT	OTHER	TRAINING	NO
4/23/98 10:51 AM	79	245	UNKNOWN	CROSS/ALLEY ARM	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
4/23/98 1:31 PM	59	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
4/24/98 1:11 AM	34	15	WEATHER - LIGHTNING	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
4/24/98 4:47 AM	103	13	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/24/98 7:41 AM	74	2195	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
4/24/98 1:09 PM	111	29	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED EQUIPMENT	TREE TRIMMING	NO
4/24/98 1:41 PM	59	70	PUBLIC - VEHICLES	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
4/24/98 2:59 PM	586	17	UNDERGROUND EQUIPMENT - UG FAILURE	TERMINATION	REPLACED EQUIPMENT	FIELD INSPECTION	NO
4/24/98 3:49 PM	16	11	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
4/24/98 5:49 PM	71	16	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
4/25/98 3:56 AM	154	311	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/25/98 12:54 PM	46	16	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/25/98 4:25 PM	65	175	UNKNOWN	LLC	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/25/98 4:28 PM	62	64	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
4/25/98 8:30 PM	470	44	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
4/25/98 8:41 PM	39	44	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
4/25/98 10:47 PM	133	12	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
4/25/98 11:34 PM	96	25	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/25/98 11:56 PM	204	24	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/26/98 5:59 AM	126	11	OTHER	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
4/26/98 8:38 AM	67	69	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
4/26/98 12:45 PM	95	76	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
4/26/98 1:32 PM	118	41	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/26/98 5:06 PM	174	55	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
4/26/98 5:42 PM	103	71	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
4/26/98 8:47 PM	138	12	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/26/98 10:50 PM	350	38	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/27/98 9:56 AM	64	16	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
4/27/98 10:14 AM	36	14	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/27/98 11:21 AM	119	130	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
4/28/98 3:30 AM	150	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/28/98 11:56 AM	34	11	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/28/98 2:13 PM	197	37	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/28/98 5:16 PM	174	62	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/29/98 10:22 AM	188	14	WILDLIFE	ARRESTER	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/29/98 4:09 PM	136	105	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/29/98 4:36 PM	629	12	UNKNOWN	POLE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/29/98 7:15 PM	150	11	UNKNOWN	NEUTRAL WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
4/29/98 7:52 PM	58	14	WILDLIFE	OVERHEAD TRANSFORMER	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/30/98 10:34 AM	56	10	WILDLIFE	TAP WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
4/30/98 11:35 AM	30	166	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
4/30/98 12:43 PM	107	17	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
4/30/98 1:59 PM	46	78	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED EQUIPMENT	TREE TRIMMING	NO
4/30/98 2:15 PM	85	26	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
4/30/98 9:34 PM	96	11	OTHER	SWITCH/DISCONNECT/LTD	REPLACED EQUIPMENT	FIELD INSPECTION	NO
5/1/98 12:14 PM	136	10	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
5/1/98 3:24 PM	56	77	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/1/98 5:46 PM	64	2435	TREE CONTACT - PRIMARY	PHASE WIRE	TEMPORARY SWITCHING	TREE TRIMMING	NO
5/2/98 12:13 PM	92	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/2/98 1:20 PM	80	10	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
5/2/98 5:16 PM	164	44	PUBLIC - ACCIDENT BY OTHERS	CROSS/ALLEY ARM	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
5/2/98 6:23 PM	157	55	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/2/98 8:48 PM	42	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
5/3/98 1:10 AM	230	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/3/98 3:50 AM	100	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
5/3/98 6:32 AM	133	400	WILDLIFE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
5/3/98 7:38 AM	82	82	WILDLIFE	TERMINATION	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/4/98 8:41 AM	41	1612	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
5/4/98 9:10 AM	43	27	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	PHASE WIRE	OTHER	NO ACTION NEEDED	NO
5/4/98 9:38 AM	67	73	UNKNOWN	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
5/4/98 12:01 PM	92	10	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/4/98 8:53 PM	77	18	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/5/98 10:45 AM	110	78	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/5/98 3:35 PM	175	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/5/98 4:42 PM	228	64	UNDERGROUND EQUIPMENT - MALFUNCTION	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/6/98 9:10 AM	32	20	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	PHASE WIRE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
5/6/98 9:27 AM	73	74	UNKNOWN	PHASE WIRE	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
5/6/98 10:18 AM	72	10	WEATHER - FLOODING/RAIN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/6/98 10:37 AM	5	21	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/6/98 12:49 PM	186	25	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/6/98 3:26 PM	274	62	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/6/98 3:28 PM	202	14	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/6/98 3:31 PM	329	28	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/6/98 4:12 PM	122	21	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/6/98 5:47 PM	22	29	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/7/98 2:56 AM	134	12	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/7/98 4:14 AM	146	11	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/7/98 7:42 AM	58	4046	TREE CONTACT - PRIMARY	PHASE WIRE	TEMPORARY SWITCHING	TREE TRIMMING	NO
5/7/98 8:12 AM	228	62	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/7/98 12:00 PM	130	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
5/7/98 1:14 PM	61	13	WEATHER - LIGHTNING	STATIC WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/7/98 5:19 PM	281	30	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/7/98 7:06 PM	44	74	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/7/98 8:40 PM	380	90	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
5/7/98 11:53 PM	291	95	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/8/98 8:58 AM	32	13	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/8/98 1:11 PM	16	36	COMED/CONTRACTOR - SWITCHING ERROR	CABLE	OTHER	TRAINING	NO
5/8/98 1:29 PM	21	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE JOINT/SPLICE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
5/8/98 1:54 PM	61	82	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
5/8/98 11:08 PM	302	19	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/9/98 4:00 AM	170	125	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/9/98 6:10 AM	160	22	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/9/98 6:39 PM	441	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
5/10/98 7:45 AM	90	16	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/10/98 8:19 AM	156	22	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/10/98 8:44 AM	316	104	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
5/10/98 9:21 AM	174	154	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/11/98 2:22 PM	138	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/11/98 6:49 PM	71	15	UNKNOWN	POLE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/12/98 10:16 AM	54	14	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/12/98 7:51 PM	182	96	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/12/98 8:01 PM	148	1393	WEATHER - LIGHTNING	SUBSTATION BREAKER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/12/98 8:02 PM	154	1841	OTHER	SUBSTATION BREAKER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/12/98 8:04 PM	108	438	OTHER	SUBSTATION BREAKER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/12/98 8:04 PM	108	1233	OTHER	SUBSTATION BREAKER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/12/98 8:04 PM	119	2142	OTHER	SUBSTATION BREAKER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/12/98 8:09 PM	291	2658	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/12/98 8:24 PM	186	104	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/12/98 8:24 PM	336	38	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/12/98 8:51 PM	163	106	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/12/98 9:45 PM	436	39	WEATHER - WIND	POLE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/12/98 9:46 PM	334	84	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/12/98 9:52 PM	250	263	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/12/98 9:56 PM	169	37	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/12/98 9:57 PM	243	59	WEATHER - LIGHTNING	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
5/12/98 10:11 PM	349	26	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/12/98 11:25 PM	325	14	WEATHER - LIGHTNING	CABLE JOINT/SPLICE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/12/98 11:31 PM	194	56	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
5/12/98 11:51 PM	39	15	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/12/98 11:55 PM	30	10	WEATHER - FLOODING/RAIN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 12:21 AM	709	79	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 12:47 AM	83	756	WEATHER - LIGHTNING	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/13/98 12:48 AM	102	18	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 12:52 AM	59	59	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 1:08 AM	45	12	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 1:10 AM	432	222	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 1:29 AM	146	140	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 1:46 AM	119	109	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 2:06 AM	64	35	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 3:54 AM	36	16	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 4:27 AM	103	13	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/13/98 5:13 AM	387	90	WEATHER - LIGHTNING	ARRESTER	REPLACED OTHER	FIELD INSPECTION	NO
5/13/98 5:22 AM	178	10	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 5:47 AM	43	324	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/13/98 6:15 AM	475	14	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/13/98 6:16 AM	16	116	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	TREE REMOVED	FIELD INSPECTION	NO
5/13/98 6:32 AM	191	10	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 6:39 AM	126	15	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 7:13 AM	197	14	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/13/98 9:01 AM	139	106	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/13/98 11:00 AM	203	107	PUBLIC - ACCIDENT BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
5/13/98 11:40 AM	130	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/13/98 1:17 PM	53	13	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/13/98 2:02 PM	44	7144	COMED/CONTRACTOR - DIG-IN BY CONTRACTOR	CABLE	TEMPORARY SWITCHING	TRAINING	NO
5/13/98 2:17 PM	53	16	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
5/13/98 2:19 PM	101	59	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
5/13/98 3:34 PM	96	11	OTHER	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/13/98 5:21 PM	144	25	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/14/98 9:43 AM	242	10	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
5/14/98 12:17 PM	78	62	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/14/98 2:20 PM	175	46	UNKNOWN	SWITCH/DISCONNECT/LTD	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/14/98 7:32 PM	88	10	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/15/98 11:00 AM	80	49	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
5/15/98 1:10 PM	84	10	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
5/15/98 1:50 PM	130	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/15/98 2:19 PM	96	21	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/15/98 4:33 PM	68	2925	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/15/98 5:31 PM	129	80	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/15/98 5:50 PM	540	22	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/15/98 5:52 PM	68	15	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/15/98 6:10 PM	110	20	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/15/98 6:22 PM	73	675	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/15/98 8:46 PM	119	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/15/98 8:53 PM	247	20	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
5/15/98 8:55 PM	275	58	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/15/98 9:01 PM	64	11	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/15/98 9:21 PM	117	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/15/98 9:26 PM	139	10	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/15/98 9:36 PM	104	10	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/15/98 9:56 PM	154	23	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/15/98 9:56 PM	174	34	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/15/98 10:17 PM	283	22	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/15/98 10:21 PM	54	23	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/15/98 10:22 PM	168	14	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/15/98 10:33 PM	97	36	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
5/15/98 10:34 PM	49	1076	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/15/98 10:36 PM	104	840	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
5/15/98 10:39 PM	201	13	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/15/98 10:46 PM	157	17	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
5/15/98 10:58 PM	227	71	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/15/98 11:04 PM	311	21	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/15/98 11:41 PM	18	11	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
5/16/98 7:36 AM	74	10	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/16/98 5:26 PM	69	86	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/16/98 7:21 PM	124	13	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/17/98 6:18 AM	37	12	WILDLIFE	FUSE/CUTOUT	REPLACED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
5/17/98 8:50 AM	220	70	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/17/98 9:16 AM	134	15	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
5/17/98 10:15 AM	45	285	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/17/98 1:57 PM	183	19	OTHER	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/17/98 3:40 PM	105	50	OVERHEAD EQUIPMENT - MALFUNCTION	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/17/98 3:56 PM	94	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/17/98 4:15 PM	85	38	UNDERGROUND EQUIPMENT - UG FAILURE	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/17/98 4:38 PM	69	56	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
5/17/98 5:22 PM	143	89	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/17/98 5:56 PM	299	85	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
5/18/98 5:32 AM	58	15	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/18/98 8:18 AM	132	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/18/98 9:30 AM	5	30	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	PHASE WIRE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
5/18/98 11:21 AM	24	18	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	PHASE WIRE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
5/18/98 1:36 PM	204	15	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/18/98 1:56 PM	33	953	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/18/98 3:04 PM	101	26	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
5/19/98 4:10 AM	125	100	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/19/98 8:21 AM	94	53	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/19/98 8:47 AM	233	11	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/19/98 9:36 AM	112	53	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
5/19/98 9:40 AM	35	11	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/19/98 11:20 AM	101	18	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/19/98 1:06 PM	3	31	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	PROTECTIVE RELAY	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/19/98 1:06 PM	3	1353	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SUBSTATION BREAKER	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/19/98 1:39 PM	376	83	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/19/98 3:47 PM	523	85	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/19/98 4:12 PM	303	135	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
5/19/98 4:18 PM	101	385	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SUBSTATION BUS	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/19/98 4:21 PM	69	12	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/19/98 4:32 PM	338	24	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/19/98 4:53 PM	457	35	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/19/98 5:08 PM	212	86	WEATHER - LIGHTNING	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
5/19/98 5:08 PM	342	17	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/19/98 5:09 PM	96	37	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/19/98 5:15 PM	123	11	WEATHER - LIGHTNING	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/20/98 5:46 AM	152	21	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/20/98 7:27 AM	55	10	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/20/98 7:53 AM	127	16	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/20/98 8:15 AM	405	13	UNDERGROUND EQUIPMENT - MALFUNCTION	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/20/98 8:44 AM	28	144	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/20/98 9:24 AM	71	10	WILDLIFE	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/20/98 9:54 AM	146	68	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/20/98 1:42 PM	88	15	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
5/20/98 3:51 PM	129	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/21/98 1:29 AM	76	30	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
5/21/98 7:52 AM	628	29	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
5/21/98 1:13 PM	332	24	OTHER	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/23/98 1:14 AM	146	18	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
5/23/98 1:32 AM	178	10	WEATHER - WIND	FUSE/CUTOUT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/23/98 1:57 AM	168	14	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
5/23/98 6:42 AM	133	46	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/23/98 7:22 AM	275	564	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/23/98 7:40 AM	110	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/23/98 12:57 PM	153	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/23/98 1:47 PM	97	207	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
5/23/98 3:03 PM	237	54	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/23/98 4:44 PM	80	12	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/23/98 5:41 PM	234	27	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
5/23/98 6:30 PM	10	63	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/24/98 12:46 AM	88	10	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/24/98 12:47 AM	288	23	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/24/98 12:50 AM	200	65	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/24/98 12:55 AM	155	14	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/24/98 1:26 AM	229	22	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/24/98 1:34 AM	366	77	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/24/98 1:35 AM	185	14	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/24/98 2:49 AM	166	14	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/24/98 3:33 AM	48	1573	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/24/98 4:05 AM	325	196	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/24/98 4:41 AM	88	2358	WEATHER - LIGHTNING	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/24/98 5:14 AM	96	144	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/24/98 5:31 AM	239	82	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/24/98 7:11 AM	199	204	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/24/98 7:19 AM	41	18	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/24/98 7:19 AM	75	1937	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION RECLOSER	TREE TRIMMING	NO
5/24/98 7:58 AM	192	11	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/24/98 8:28 AM	96	1145	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED SUBSTATION RECLOSER	TREE TRIMMING	NO
5/24/98 9:33 AM	192	12	WEATHER - FLOODING/RAIN	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/24/98 10:58 AM	77	1149	UNKNOWN	INSULATOR	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
5/24/98 12:51 PM	9	16	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/24/98 11:51 PM	489	10	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/25/98 5:22 PM	118	27	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/26/98 12:57 AM	68	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
5/26/98 7:37 AM	18	121	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/26/98 8:57 AM	93	11	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/26/98 9:30 PM	110	11	OTHER	CABLE	CLOSED SWITCH/DISCONNECT/LT	FIELD INSPECTION	NO
5/27/98 11:09 AM	186	10	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/27/98 2:39 PM	46	2120	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/27/98 9:47 PM	123	66	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 3:16 AM	1399	143	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 5:27 AM	543	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
5/28/98 6:04 AM	686	43	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
5/28/98 7:39 AM	136	365	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/28/98 9:04 AM	226	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:07 AM	103	987	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/28/98 9:10 AM	20	644	OTHER	SWITCH/DISCONNECT/LTD	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
5/28/98 9:11 AM	94	164	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 9:14 AM	96	51	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 9:22 AM	113	10	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 9:25 AM	85	18	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 9:26 AM	54	31	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 9:27 AM	123	12	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 9:43 AM	117	18	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
5/28/98 9:49 AM	71	138	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:00 AM	65	112	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 10:18 AM	152	24	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/28/98 10:19 AM	271	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:23 AM	57	20	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 1:10 PM	55	12	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 1:20 PM	105	98	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 3:51 PM	118	165	WILDLIFE	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	ANIMAL GUARD CHECK	NO
5/28/98 4:48 PM	1437	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	YES
5/28/98 5:40 PM	261	78	UNDERGROUND EQUIPMENT - UG FAILURE	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/28/98 8:39 PM	396	23	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 8:47 PM	384	367	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 8:52 PM	1238	124	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
5/28/98 9:00 PM	670	93	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 9:05 PM	1195	124	TREE LIMB BROKEN - PRIMARY	POLE	REPLACED EQUIPMENT	TREE TRIMMING	NO
5/28/98 9:09 PM	301	245	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
5/28/98 9:11 PM	229	14	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 9:12 PM	1098	30	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:14 PM	631	13	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
5/28/98 9:15 PM	285	493	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 9:15 PM	495	12	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
5/28/98 9:15 PM	675	15	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
5/28/98 9:16 PM	314	38	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
5/28/98 9:17 PM	903	13	WEATHER - FLOODING/RAIN	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
5/28/98 9:18 PM	1047	11	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	YES
5/28/98 9:21 PM	488	19	TREE CONTACT - PRIMARY	NEUTRAL WIRE	TREE REMOVED	TREE TRIMMING	NO
5/28/98 9:23 PM	307	179	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 9:23 PM	747	91	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 9:23 PM	832	41	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
5/28/98 9:24 PM	216	25	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 9:24 PM	1026	83	UNKNOWN	PHASE WIRE	OTHER	FIELD INSPECTION	YES
5/28/98 9:25 PM	575	17	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	NO
5/28/98 9:25 PM	650	23	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 9:25 PM	680	30	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:25 PM	855	29	UNDERGROUND EQUIPMENT - UG FAILURE	TERMINATION	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	YES
5/28/98 9:26 PM	334	164	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:27 PM	88	835	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/28/98 9:27 PM	573	32	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:28 PM	692	43	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:28 PM	1037	14	WEATHER - WIND	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/28/98 9:29 PM	441	116	TREE LIMB BROKEN - PRIMARY	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:30 PM	230	42	TREE CONTACT - PRIMARY	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:30 PM	740	12	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 9:30 PM	830	15	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:33 PM	277	13	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
5/28/98 9:33 PM	732	16	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 9:34 PM	1226	92	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:35 PM	565	85	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 9:35 PM	655	35	WEATHER - LIGHTNING	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 9:38 PM	642	36	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 9:40 PM	1025	18	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 9:41 PM	1159	20	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 9:44 PM	1096	84	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 9:45 PM	705	114	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:45 PM	825	13	WEATHER - LIGHTNING	SWITCH/DISCONNECT/LTD	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 9:46 PM	124	19	TREE CONTACT - PRIMARY	TAP WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 9:49 PM	491	15	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 9:51 PM	349	99	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
5/28/98 9:52 PM	133	15	WEATHER - WIND	PHASE WIRE	REPAIRED OTHER	FIELD INSPECTION	NO
5/28/98 9:53 PM	397	32	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
5/28/98 9:54 PM	351	101	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:55 PM	305	66	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 9:55 PM	395	1415	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
5/28/98 9:55 PM	1025	115	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 9:59 PM	226	44	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:01 PM	611	162	TREE CONTACT - PRIMARY	NEUTRAL WIRE	TREE REMOVED	TREE TRIMMING	NO
5/28/98 10:02 PM	408	20	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:03 PM	702	39	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 10:05 PM	850	23	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:06 PM	164	596	WEATHER - LIGHTNING	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/28/98 10:06 PM	514	2645	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:07 PM	83	1134	WEATHER - LIGHTNING	SWITCH/DISCONNECT/LTD	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/28/98 10:07 PM	632	25	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:08 PM	512	1010	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:09 PM	371	764	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:09 PM	551	647	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 10:10 PM	455	176	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 10:10 PM	650	81	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:12 PM	433	15	TREE LIMB BROKEN - PRIMARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:12 PM	648	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:13 PM	386	1729	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/28/98 10:14 PM	421	38	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:14 PM	915	20	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:15 PM	375	21	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:15 PM	660	826	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:15 PM	720	122	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 10:17 PM	83	386	WEATHER - LIGHTNING	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/28/98 10:18 PM	52	1134	WEATHER - LIGHTNING	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/28/98 10:21 PM	669	82	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:22 PM	263	15	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 10:22 PM	443	147	WEATHER - LIGHTNING	CROSS/ALLEY ARM	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 10:22 PM	1298	26	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:23 PM	502	663	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:23 PM	547	21	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
5/28/98 10:24 PM	801	42	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:26 PM	732	116	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:30 PM	1410	15	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	YES
5/28/98 10:35 PM	55	1282	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/28/98 10:36 PM	439	39	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:38 PM	276	644	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/28/98 10:42 PM	348	13	TREE LIMB BROKEN - SECONDARY	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:43 PM	317	64	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:50 PM	969	34	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:52 PM	568	38	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:54 PM	304	1320	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/28/98 10:55 PM	845	14	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 10:56 PM	214	61	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 10:58 PM	272	698	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 11:01 PM	179	1267	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 11:01 PM	297	2562	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/28/98 11:11 PM	619	10	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 11:12 PM	258	1741	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/28/98 11:18 PM	737	14	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 11:18 PM	1212	15	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 11:20 PM	345	43	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/28/98 11:25 PM	463	2664	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 11:26 PM	319	62	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/28/98 11:26 PM	559	25	WEATHER - FLOODING/RAIN	FUSE/CUTOUT	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
5/28/98 11:28 PM	932	75	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 11:31 PM	1049	58	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
5/28/98 11:32 PM	203	22	WEATHER - WIND	POLE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 11:33 PM	177	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 11:33 PM	767	119	WEATHER - WIND	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 11:37 PM	888	25	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	YES
5/28/98 11:38 PM	202	2050	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/28/98 11:38 PM	222	345	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 11:38 PM	682	11	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/28/98 11:41 PM	160	1886	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
5/28/98 11:45 PM	450	74	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/28/98 11:50 PM	655	131	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/29/98 12:05 AM	655	22	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/29/98 12:42 AM	568	104	WEATHER - WIND	POLE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/29/98 12:46 AM	104	22	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/29/98 12:48 AM	372	25	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
5/29/98 1:04 AM	236	109	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/29/98 1:46 AM	794	122	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/29/98 2:55 AM	605	181	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
5/29/98 3:36 AM	459	15	WEATHER - WIND	POLE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/29/98 4:14 AM	556	67	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/29/98 4:18 AM	522	32	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/29/98 5:11 AM	274	25	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/29/98 5:19 AM	581	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/29/98 5:20 AM	315	15	TREE LIMB BROKEN - PRIMARY	CROSS/ALLEY ARM	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/29/98 6:01 AM	553	13	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/29/98 6:13 AM	242	21	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/29/98 6:23 AM	117	28	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/29/98 6:24 AM	876	16	WEATHER - WIND	PHASE WIRE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
5/29/98 6:44 AM	136	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/29/98 6:58 AM	257	85	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
5/29/98 7:02 AM	103	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/29/98 7:12 AM	228	1947	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/29/98 7:19 AM	311	14	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/29/98 7:32 AM	643	146	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/29/98 7:56 AM	784	11	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	YES
5/29/98 8:42 AM	258	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/29/98 8:59 AM	121	22	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/29/98 9:19 AM	181	16	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/29/98 9:22 AM	488	195	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
5/29/98 9:32 AM	268	63	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/29/98 10:40 AM	150	14	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/29/98 12:38 PM	112	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
5/29/98 4:03 PM	327	10	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	NO
5/29/98 5:26 PM	184	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/29/98 7:49 PM	71	24	OVERHEAD EQUIPMENT - BROKEN FUSE	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/30/98 6:16 AM	54	13	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/30/98 10:07 AM	148	2011	TREE LIMB BROKEN - PRIMARY	NEUTRAL WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/30/98 10:50 AM	65	61	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
5/30/98 11:20 AM	31	872	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
5/30/98 1:01 PM	119	320	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
5/30/98 2:28 PM	92	18	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/30/98 3:49 PM	261	28	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
5/30/98 4:48 PM	232	16	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/30/98 5:00 PM	26	1453	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
5/30/98 6:07 PM	153	27	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
5/30/98 6:19 PM	111	321	UNKNOWN	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
5/30/98 6:36 PM	76	1087	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION RECLOSER	FIELD INSPECTION	NO
5/31/98 3:18 AM	412	10	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
5/31/98 3:24 AM	156	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/31/98 6:01 AM	44	11	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/31/98 6:24 AM	96	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
5/31/98 6:39 AM	96	23	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/31/98 7:22 AM	308	61	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
5/31/98 8:03 AM	327	59	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/31/98 9:04 AM	115	761	TREE CONTACT - PRIMARY	PHASE WIRE	TEMPORARY SWITCHING	TREE TRIMMING	NO
5/31/98 9:59 AM	76	17	TREE CONTACT - SECONDARY	TAP WIRE	TREE TRIMMED	TREE TRIMMING	NO
5/31/98 10:57 AM	148	23	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
5/31/98 1:42 PM	218	87	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
5/31/98 1:52 PM	133	37	TREE CONTACT - PRIMARY	CROSS/ALLEY ARM	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
5/31/98 3:17 PM	83	17	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
5/31/98 5:01 PM	19	16	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	TREE TRIMMED	FIELD INSPECTION	NO
5/31/98 7:01 PM	429	87	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/1/98 12:28 AM	152	24	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/1/98 4:08 AM	187	15	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/1/98 6:25 AM	80	14	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/1/98 6:49 AM	81	18	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/1/98 7:21 AM	54	105	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/1/98 9:30 AM	135	56	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/1/98 9:41 AM	149	16	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/1/98 9:50 AM	90	101	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/1/98 12:29 PM	301	16	OTHER	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/1/98 1:22 PM	8	29	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
6/1/98 1:43 PM	247	13	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/1/98 7:17 PM	68	25	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/2/98 12:46 AM	234	17	OTHER	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/2/98 8:44 AM	40	3286	PUBLIC - ACCIDENT BY OTHERS	POLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/2/98 9:03 AM	227	47	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/2/98 9:58 AM	42	23	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/2/98 10:18 AM	72	11	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/2/98 11:29 AM	81	37	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/2/98 11:32 AM	330	14	UNKNOWN	OTHER EQUIPMENT	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/2/98 12:09 PM	231	663	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/2/98 1:41 PM	54	76	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
6/2/98 3:39 PM	171	28	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
6/2/98 4:34 PM	286	13	TREE CONTACT - SECONDARY	LLC	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/2/98 7:31 PM	34	83	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/2/98 7:39 PM	321	10	OVERHEAD EQUIPMENT - MALFUNCTION	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/2/98 7:51 PM	39	11	OTHER	PHASE WIRE	CLOSED OTHER	FIELD INSPECTION	NO
6/2/98 9:26 PM	94	90	OTHER	UNDERGROUND TRANSFORMER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/3/98 12:34 AM	156	39	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/3/98 5:34 AM	66	39	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/3/98 7:13 AM	47	13	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/3/98 9:01 AM	329	53	PUBLIC - ACCIDENT BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
6/3/98 11:39 AM	171	2271	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/3/98 12:09 PM	51	37	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/3/98 12:59 PM	286	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/3/98 3:16 PM	54	88	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/4/98 12:30 AM	130	21	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/4/98 12:49 AM	136	82	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/4/98 2:35 AM	145	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/4/98 1:45 PM	25	3356	WILDLIFE	CABLE JOINT/SPLICE	TEMPORARY SWITCHING	ANIMAL GUARD CHECK	NO
6/4/98 5:14 PM	76	11	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/4/98 6:40 PM	14	1756	COMED/CONTRACTOR - TESTING ERROR	SUBSTATION BREAKER	CLOSED SUBSTATION BREAKER	TRAINING	NO
6/4/98 8:04 PM	91	35	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/5/98 5:40 AM	66	75	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/5/98 6:33 AM	147	11	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/5/98 7:09 AM	200	24	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/5/98 8:36 AM	69	31	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/5/98 8:40 AM	80	31	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/5/98 9:56 AM	44	13	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/5/98 10:13 AM	137	103	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/5/98 2:18 PM	102	20	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/5/98 3:17 PM	133	112	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/5/98 6:53 PM	127	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
6/6/98 6:14 AM	36	94	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/6/98 9:06 AM	394	17	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
6/6/98 10:41 AM	124	47	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/6/98 3:01 PM	104	43	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
6/6/98 3:11 PM	319	19	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/6/98 6:02 PM	118	32	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/6/98 6:03 PM	72	50	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/6/98 6:08 PM	142	35	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
6/6/98 8:58 PM	112	43	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/7/98 10:21 AM	84	163	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/8/98 7:12 AM	108	46	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/8/98 7:16 AM	119	10	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/8/98 7:46 AM	104	20	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/8/98 8:25 AM	45	40	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/8/98 10:31 AM	73	135	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/8/98 10:50 AM	215	349	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/8/98 11:47 AM	448	25	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
6/8/98 11:56 AM	29	10	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/8/98 4:21 PM	25	17142	OVERHEAD EQUIPMENT - MALFUNCTION	SWITCH/DISCONNECT/LTD	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/9/98 2:54 AM	241	34	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/9/98 3:10 AM	215	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/9/98 4:48 AM	87	50	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/9/98 8:37 AM	33	28	TREE CONTACT - PRIMARY	TIE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/9/98 8:38 AM	82	69	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/9/98 8:40 AM	50	35	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/9/98 8:41 AM	69	43	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/9/98 1:26 PM	84	44	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/9/98 1:49 PM	66	10	WEATHER - LIGHTNING	TAP WIRE	REPLACED OTHER	FIELD INSPECTION	NO
6/9/98 1:52 PM	78	23	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/9/98 1:54 PM	46	13	PUBLIC - FOREIGN OBJECT	TAP WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
6/9/98 1:55 PM	75	842	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
6/9/98 2:15 PM	45	10	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/9/98 2:33 PM	72	86	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/9/98 2:34 PM	251	47	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/9/98 2:38 PM	52	18	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/9/98 3:02 PM	68	12	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/9/98 4:01 PM	604	65	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/9/98 4:06 PM	24	17	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/9/98 8:22 PM	93	11081	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/10/98 4:05 AM	55	15	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/10/98 7:47 AM	131	1342	PUBLIC - ACCIDENT BY OTHERS	POLE	REPAIRED EQUIPMENT	NO ACTION NEEDED	NO
6/10/98 10:40 AM	108	98	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
6/10/98 11:03 AM	97	468	WILDLIFE	INSULATOR	TEMPORARY SWITCHING	ANIMAL GUARD CHECK	NO
6/10/98 2:49 PM	181	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/11/98 2:23 AM	167	12	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/11/98 3:47 AM	127	2366	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/11/98 3:48 AM	214	1945	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/11/98 3:54 AM	176	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/11/98 4:25 AM	475	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/11/98 6:40 AM	65	25	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/11/98 7:38 AM	32	22	OVERHEAD EQUIPMENT - MALFUNCTION	LINE RECLOSER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/11/98 7:43 AM	110	11	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/11/98 7:55 AM	105	95	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/11/98 8:02 AM	48	17	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/11/98 10:13 AM	107	11	OTHER	CABLE JOINT/SPLICE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/11/98 10:17 AM	43	21	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/11/98 10:24 AM	196	1958	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
6/11/98 12:46 PM	119	46	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/11/98 2:41 PM	69	12	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/11/98 4:46 PM	299	14	UNKNOWN	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/11/98 5:09 PM	231	90	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/11/98 5:25 PM	105	41	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/11/98 6:16 PM	74	56	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/11/98 7:45 PM	46	1677	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
6/11/98 7:45 PM	225	64	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/11/98 7:51 PM	99	161	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
6/11/98 7:56 PM	99	10	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/11/98 8:06 PM	179	81	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/11/98 8:07 PM	363	68	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/11/98 8:20 PM	130	55	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/11/98 8:34 PM	209	12	UNKNOWN	OTHER EQUIPMENT	REPLACED CIRCUIT SWITCHER	FIELD INSPECTION	NO
6/11/98 8:46 PM	149	33	WEATHER - WIND	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/11/98 8:59 PM	131	42	WEATHER - FLOODING/RAIN	INSULATOR	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/11/98 9:03 PM	149	1544	WEATHER - WIND	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/11/98 9:08 PM	62	101	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/11/98 9:10 PM	130	16	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/11/98 10:17 PM	73	10	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/12/98 1:14 AM	121	165	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
6/12/98 11:13 AM	127	11	WEATHER - WIND	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/12/98 1:18 PM	102	393	TREE LIMB BROKEN - PRIMARY	CROSS/ALLEY ARM	CLOSED LINE RECLOSER	TREE TRIMMING	NO
6/12/98 5:45 PM	180	21	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/12/98 6:47 PM	93	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/12/98 9:45 PM	160	160	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/12/98 10:05 PM	90	18	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
6/12/98 10:16 PM	179	22	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
6/12/98 11:20 PM	150	50	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/12/98 11:55 PM	435	47	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/13/98 12:29 AM	291	17	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/13/98 12:43 AM	197	13	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/13/98 2:56 AM	114	13	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/13/98 5:30 AM	135	21	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/13/98 6:44 AM	66	43	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/13/98 8:51 AM	169	143	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/13/98 11:42 AM	150	60	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/13/98 3:13 PM	152	71	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/13/98 8:36 PM	35	19	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
6/13/98 10:43 PM	47	18	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/14/98 6:27 AM	43	27	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/14/98 8:44 AM	136	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/14/98 9:00 AM	195	13	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/14/98 12:35 PM	75	10	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/14/98 2:48 PM	132	142	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/14/98 2:49 PM	41	410	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
6/14/98 3:18 PM	57	34	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/14/98 3:24 PM	336	93	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/14/98 3:36 PM	34	1656	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/14/98 4:06 PM	154	30	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/14/98 4:25 PM	185	1104	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SWITCH/DISCONNECT/LT	TREE TRIMMING	NO
6/14/98 4:36 PM	119	48	WEATHER - LIGHTNING	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
6/14/98 4:36 PM	134	58	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/14/98 5:27 PM	125	47	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/14/98 9:43 PM	127	52	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/15/98 8:35 AM	695	138	PUBLIC - VEHICLES	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
6/15/98 10:23 AM	127	31	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/15/98 10:58 AM	152	26	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/15/98 11:06 AM	34	19	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/15/98 1:08 PM	302	184	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/15/98 3:58 PM	302	10	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
6/15/98 5:16 PM	189	57	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/16/98 2:18 AM	762	142	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	YES
6/16/98 4:33 AM	52	15	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/16/98 6:04 AM	36	10	OTHER	TERMINATION	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/16/98 6:15 AM	85	21	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/16/98 6:57 AM	58	32	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/16/98 7:22 AM	48	15	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/16/98 8:30 AM	345	10	PUBLIC - ACCIDENT BY OTHERS	CABLE	REPAIRED TRANSFORMER	NO ACTION NEEDED	NO
6/16/98 9:09 AM	126	71	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/16/98 10:05 AM	130	26	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/16/98 2:25 PM	135	16	OTHER	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/16/98 3:03 PM	122	36	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/16/98 3:06 PM	84	27	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/16/98 3:19 PM	106	15	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/16/98 4:36 PM	15	1658	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/16/98 4:47 PM	83	167	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/16/98 6:07 PM	58	793	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/17/98 8:51 AM	44	56	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/17/98 8:57 AM	73	660	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/17/98 10:21 AM	98	143	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/17/98 10:25 AM	85	61	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/17/98 12:26 PM	64	63	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/17/98 4:25 PM	90	20	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/17/98 6:59 PM	46	31	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/17/98 7:58 PM	32	10	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/18/98 1:13 AM	127	29	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 1:37 AM	138	1367	PUBLIC - ACCIDENT BY OTHERS	POLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/18/98 2:48 AM	222	47	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/18/98 6:45 AM	75	70	WILDLIFE	PHASE WIRE	CLOSED LINE RECLOSER	ANIMAL GUARD CHECK	NO
6/18/98 7:45 AM	60	20	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/18/98 8:46 AM	74	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
6/18/98 9:46 AM	44	26	OVERHEAD EQUIPMENT - MALFUNCTION	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 12:46 PM	74	20	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/18/98 12:54 PM	2276	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 1:06 PM	114	184	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 2:31 PM	119	166	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 3:20 PM	110	10	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 3:30 PM	150	19	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	NO
6/18/98 3:30 PM	190	23	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
6/18/98 3:33 PM	252	34	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 3:35 PM	145	18	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 3:39 PM	141	10	TREE CONTACT - SECONDARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/18/98 3:39 PM	171	1360	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 3:44 PM	151	17	TREE LIMB BROKEN - PRIMARY	TAP WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 3:44 PM	1966	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 3:49 PM	631	45	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 3:50 PM	2350	49	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
6/18/98 3:51 PM	668	142	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/18/98 3:57 PM	433	41	TREE LIMB BROKEN - PRIMARY	DEAD END	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 4:00 PM	110	1342	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/18/98 4:00 PM	300	88	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 4:00 PM	465	119	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 4:00 PM	491	2806	WEATHER - WIND	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 4:01 PM	344	68	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 4:01 PM	389	33	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 4:05 PM	2245	34	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 4:06 PM	814	451	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/18/98 4:06 PM	1939	14	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/18/98 4:07 PM	1478	57	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 4:10 PM	477	381	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/18/98 4:10 PM	490	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 4:12 PM	1847	34	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 4:13 PM	737	95	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 4:15 PM	1020	395	OVERHEAD EQUIPMENT - MALFUNCTION	SWITCH/DISCONNECT/LTD	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	YES
6/18/98 4:17 PM	144	1493	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/18/98 4:19 PM	881	690	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	YES
6/18/98 4:20 PM	640	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 4:21 PM	789	320	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
6/18/98 4:24 PM	576	186	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
6/18/98 4:25 PM	695	72	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 4:25 PM	2205	10	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 4:26 PM	1519	53	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	YES
6/18/98 4:27 PM	1493	116	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SECTIONALIZER	TREE TRIMMING	NO
6/18/98 4:34 PM	246	1393	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
6/18/98 4:34 PM	1831	73	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 4:55 PM	2270	24	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 4:58 PM	707	12	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 5:02 PM	328	115	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 5:08 PM	1867	78	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 5:16 PM	68	1063	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/18/98 5:17 PM	438	101	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 5:33 PM	2247	11	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
6/18/98 5:38 PM	1582	28	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 5:56 PM	914	82	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
6/18/98 6:11 PM	154	117	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/18/98 6:18 PM	222	10	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 6:27 PM	153	59	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 6:44 PM	256	15	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 6:46 PM	169	35	TREE LIMB BROKEN - PRIMARY	TAP WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 6:54 PM	446	151	WEATHER - FLOODING/RAIN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/18/98 6:54 PM	546	45	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 6:57 PM	3	11	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 6:57 PM	603	803	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
6/18/98 6:59 PM	2301	15	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
6/18/98 7:01 PM	1079	79	WEATHER - WIND	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/18/98 7:02 PM	1933	33	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 7:04 PM	1076	103	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 7:05 PM	1350	18	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 7:07 PM	1373	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 7:09 PM	1296	1478	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	YES
6/18/98 7:10 PM	285	943	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
6/18/98 7:12 PM	573	92	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 7:12 PM	1053	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 7:15 PM	1710	19	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 7:17 PM	308	11	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 7:17 PM	1088	76	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	YES
6/18/98 7:19 PM	331	81	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 7:20 PM	205	11	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 7:20 PM	1510	71	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 7:23 PM	1046	42	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 7:26 PM	674	11	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 7:27 PM	468	89	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 7:31 PM	258	11	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 7:32 PM	152	153	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/18/98 7:32 PM	158	871	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SUBSTATION BREAKER	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/18/98 7:35 PM	340	19	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 7:35 PM	400	20	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/18/98 7:38 PM	382	547	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 7:38 PM	492	33	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 7:38 PM	622	13	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 7:41 PM	1419	40	WEATHER - LIGHTNING	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
6/18/98 7:43 PM	155	153	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 7:46 PM	298	15	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 7:47 PM	553	30	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 7:48 PM	272	17	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/18/98 7:49 PM	446	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 7:52 PM	87	496	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 7:54 PM	216	101	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/18/98 7:55 PM	900	12	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 7:56 PM	44	795	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
6/18/98 7:56 PM	1009	23	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 7:58 PM	192	31	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 8:00 PM	50	2101	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION RECLOSER	FIELD INSPECTION	NO
6/18/98 8:00 PM	610	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/18/98 8:01 PM	199	2277	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
6/18/98 8:02 PM	418	20	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 8:05 PM	295	1191	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SECTIONALIZER	FIELD INSPECTION	NO
6/18/98 8:08 PM	1207	10	WEATHER - WIND	PHASE WIRE	CLOSED SECTIONALIZER	FIELD INSPECTION	NO
6/18/98 8:10 PM	217	16	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 8:11 PM	39	365	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/18/98 8:11 PM	87	1632	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
6/18/98 8:11 PM	209	58	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 8:11 PM	499	14	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 8:12 PM	628	30	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 8:13 PM	347	73	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 8:14 PM	206	20	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 8:14 PM	2266	19	WEATHER - WIND	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 8:15 PM	105	40	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 8:17 PM	238	394	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
6/18/98 8:18 PM	1382	30	WEATHER - LIGHTNING	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
6/18/98 8:19 PM	86	172	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 8:19 PM	386	42	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/18/98 8:26 PM	274	33	WEATHER - LIGHTNING	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/18/98 8:29 PM	461	60	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
6/18/98 8:32 PM	148	809	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 8:39 PM	441	56	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 8:40 PM	245	17	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 8:44 PM	211	325	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 8:45 PM	495	17	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	NO
6/18/98 8:49 PM	611	19	WEATHER - WIND	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 8:51 PM	89	63	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 8:53 PM	232	85	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 8:56 PM	199	35	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 8:56 PM	1144	13	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	YES
6/18/98 8:59 PM	251	10	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 9:02 PM	638	10	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
6/18/98 9:06 PM	1584	66	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 9:07 PM	1103	11	WEATHER - WIND	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/18/98 9:14 PM	136	56	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 9:19 PM	461	11	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/18/98 9:23 PM	87	70	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/18/98 9:40 PM	100	1945	WEATHER - LIGHTNING	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/18/98 9:44 PM	1906	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/18/98 9:50 PM	250	11	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/18/98 9:51 PM	409	193	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
6/18/98 10:15 PM	125	37	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
6/18/98 10:35 PM	1195	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/19/98 12:33 AM	1657	55	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/19/98 12:52 AM	1108	101	OTHER	LINE RECLOSER	TREE REMOVED	FIELD INSPECTION	NO
6/19/98 2:02 AM	78	15	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/19/98 2:47 AM	113	48	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
6/19/98 3:28 AM	1292	26	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/19/98 5:06 AM	810	49	WEATHER - FLOODING/RAIN	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/19/98 6:25 AM	365	14	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/19/98 6:34 AM	581	12	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/19/98 7:09 AM	781	23	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/19/98 7:57 AM	198	16	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/19/98 8:10 AM	1000	12	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/19/98 8:22 AM	943	114	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/19/98 8:45 AM	495	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/19/98 8:49 AM	556	289	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/19/98 8:55 AM	845	57	TREE LIMB BROKEN - PRIMARY	TAP WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/19/98 8:58 AM	1032	12	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/19/98 9:35 AM	85	39	UNKNOWN	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/19/98 10:24 AM	1116	13	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/19/98 10:47 AM	133	19	UNKNOWN	OTHER EQUIPMENT	TREE TRIMMED	FIELD INSPECTION	NO
6/19/98 10:56 AM	79	17	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/19/98 11:04 AM	791	15	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/19/98 11:58 AM	62	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/19/98 12:50 PM	840	12	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/19/98 2:03 PM	797	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/19/98 2:04 PM	13	1423	UNDERGROUND EQUIPMENT - UG FAILURE	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/19/98 2:06 PM	414	61	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/19/98 2:23 PM	1177	12	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
6/19/98 2:43 PM	747	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/19/98 2:55 PM	645	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/19/98 2:55 PM	815	11	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/19/98 3:18 PM	342	10	TREE LIMB BROKEN - PRIMARY	POLE	CHANGED OTHER	TREE TRIMMING	NO
6/19/98 3:22 PM	578	185	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/19/98 4:32 PM	618	20	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/19/98 5:29 PM	661	14	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/19/98 5:31 PM	84	15	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/19/98 5:36 PM	64	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/19/98 5:37 PM	848	53	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/19/98 5:45 PM	795	12	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/19/98 6:14 PM	1366	11	WEATHER - LIGHTNING	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/19/98 6:21 PM	474	62	WEATHER - LIGHTNING	ARRESTER	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/19/98 7:19 PM	236	31	OTHER	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/19/98 8:01 PM	9	11	UNKNOWN	OTHER EQUIPMENT	TREE TRIMMED	FIELD INSPECTION	NO
6/19/98 8:04 PM	396	22	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/19/98 8:34 PM	656	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TEMPORARY SWITCHING	TREE TRIMMING	NO
6/19/98 9:24 PM	126	30	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
6/19/98 9:26 PM	169	19	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
6/19/98 10:03 PM	717	121	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/19/98 10:05 PM	200	124	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/19/98 10:16 PM	254	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/19/98 11:28 PM	827	12	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/19/98 11:34 PM	356	131	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/20/98 3:38 AM	147	22	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/20/98 3:46 AM	104	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/20/98 5:17 AM	208	25	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/20/98 8:41 AM	4	10	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/20/98 8:56 AM	189	11	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/20/98 10:41 AM	379	14	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	TEMPORARY JUMPER TO RESTORE	TREE TRIMMING	NO
6/20/98 11:44 AM	1181	42	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	YES
6/20/98 12:29 PM	71	101	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/20/98 1:56 PM	204	114	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/20/98 1:58 PM	62	536	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/20/98 2:16 PM	314	11	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/20/98 3:16 PM	89	17	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/20/98 4:59 PM	991	41	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	YES
6/20/98 5:30 PM	30	40	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/20/98 6:04 PM	241	60	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/20/98 6:34 PM	86	161	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/20/98 7:02 PM	58	50	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/21/98 12:17 AM	332	277	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/21/98 1:16 AM	84	13	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/21/98 2:04 AM	191	51	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/21/98 2:29 AM	205	117	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/21/98 3:50 AM	220	41	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/21/98 3:53 AM	67	15	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/21/98 5:29 AM	366	37	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/21/98 5:52 AM	388	26	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/21/98 7:14 AM	66	14	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/21/98 9:40 AM	50	12	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/21/98 10:19 AM	295	41	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	TREE TRIMMED	FIELD INSPECTION	NO
6/21/98 11:18 AM	62	32	OTHER	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/21/98 11:27 AM	140	37	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/22/98 5:19 PM	336	80	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/23/98 4:38 AM	202	53	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/23/98 5:27 AM	473	295	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/23/98 6:24 AM	106	40	UNKNOWN	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/23/98 11:04 AM	116	35	WEATHER - WIND	FUSE/CUTOUT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/23/98 11:25 AM	345	10	OVERHEAD EQUIPMENT - MALFUNCTION	OTHER EQUIPMENT	REPLACED OTHER	FIELD INSPECTION	NO
6/23/98 11:31 AM	49	12	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/23/98 1:44 PM	146	242	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/23/98 1:50 PM	105	41	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/23/98 1:51 PM	129	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/23/98 5:26 PM	33	105	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/23/98 6:04 PM	236	10	PUBLIC - ACCIDENT BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
6/23/98 6:16 PM	8	378	UNKNOWN	OTHER EQUIPMENT	REPLACED CIRCUIT SWITCHER	FIELD INSPECTION	NO
6/24/98 12:49 AM	188	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/24/98 8:33 AM	97	37	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
6/24/98 9:16 AM	119	30	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/24/98 10:24 AM	41	677	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/24/98 11:26 AM	244	44	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/24/98 1:53 PM	227	23	UNKNOWN	FUSE/CUTOUT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/24/98 1:56 PM	194	19	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/24/98 3:22 PM	38	11	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/24/98 5:54 PM	391	19	OTHER	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/24/98 6:17 PM	193	59	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
6/24/98 6:32 PM	73	64	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/24/98 6:51 PM	109	145	OTHER	UNDERGROUND TRANSFORMER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/24/98 7:02 PM	118	51	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/24/98 7:32 PM	28	49	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/24/98 8:18 PM	1	36	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/24/98 10:49 PM	716	71	UNKNOWN	CABLE	OTHER	FIELD INSPECTION	NO
6/25/98 12:57 AM	204	1349	UNKNOWN	SWITCH/DISCONNECT/LTD	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/25/98 3:21 AM	258	962	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/25/98 3:22 AM	148	80	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/25/98 7:32 AM	73	112	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
6/25/98 8:12 AM	74	504	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 9:41 AM	49	22	OTHER	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/25/98 10:23 AM	37	21	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/25/98 10:46 AM	19	20	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	FUSE/CUTOUT	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/25/98 10:58 AM	2	39	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
6/25/98 12:28 PM	102	37	UNKNOWN	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/25/98 12:40 PM	35	457	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/25/98 2:45 PM	125	18	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/25/98 3:01 PM	29	13	OTHER	OVERHEAD TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
6/25/98 3:46 PM	194	139	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/25/98 4:18 PM	12	136	UNKNOWN	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
6/25/98 4:51 PM	144	23	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/25/98 5:08 PM	37	62	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/25/98 5:15 PM	18	27	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/25/98 5:34 PM	56	44	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
6/25/98 5:49 PM	176	71	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/25/98 6:53 PM	111	10	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 8:56 PM	134	74	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 9:19 PM	481	32	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/25/98 9:21 PM	579	48	OTHER	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/25/98 9:39 PM	126	104	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/25/98 9:40 PM	470	146	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/25/98 9:40 PM	690	43	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
6/25/98 9:42 PM	648	15	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/25/98 9:48 PM	192	27	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 9:49 PM	121	86	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 9:49 PM	371	121	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/25/98 9:55 PM	230	67	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 10:01 PM	359	1504	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/25/98 10:18 PM	687	66	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/25/98 10:25 PM	475	46	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 10:27 PM	18	6199	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/25/98 10:38 PM	273	40	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/25/98 10:41 PM	734	10	UNKNOWN	OTHER EQUIPMENT	REPAIRED CIRCUIT SWITCHER	FIELD INSPECTION	YES
6/25/98 10:47 PM	683	65	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
6/25/98 10:52 PM	233	312	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 10:55 PM	135	90	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 10:55 PM	875	128	WEATHER - LIGHTNING	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/25/98 10:56 PM	589	96	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
6/25/98 10:56 PM	634	26	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/25/98 11:02 PM	823	65	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPAIRED EQUIPMENT	TREE TRIMMING	NO
6/25/98 11:03 PM	777	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/25/98 11:04 PM	344	276	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/25/98 11:04 PM	356	28	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 11:07 PM	83	90	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 11:10 PM	65	443	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/25/98 11:11 PM	214	61	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/25/98 11:16 PM	914	80	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	YES
6/25/98 11:21 PM	579	16	UNKNOWN	OTHER EQUIPMENT	REPAIRED CIRCUIT SWITCHER	FIELD INSPECTION	NO
6/25/98 11:24 PM	406	579	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/25/98 11:27 PM	198	2286	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/25/98 11:30 PM	585	158	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/25/98 11:31 PM	209	352	WEATHER - LIGHTNING	LINE RECLOSER	TREE REMOVED	FIELD INSPECTION	NO
6/25/98 11:31 PM	629	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/25/98 11:37 PM	548	14	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/25/98 11:39 PM	620	76	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 11:41 PM	729	47	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 11:46 PM	189	10	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/25/98 11:50 PM	190	90	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 12:17 AM	1003	42	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	YES
6/26/98 1:25 AM	101	6180	WEATHER - LIGHTNING	INSULATOR	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/26/98 1:26 AM	444	1841	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/26/98 1:36 AM	131	836	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/26/98 1:42 AM	498	73	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 1:46 AM	424	97	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/26/98 1:50 AM	250	235	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/26/98 1:50 AM	520	69	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/26/98 1:54 AM	486	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 1:56 AM	664	64	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 2:00 AM	120	208	WEATHER - LIGHTNING	PHASE WIRE	CLOSED OTHER	FIELD INSPECTION	NO
6/26/98 2:04 AM	196	52	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 2:05 AM	250	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/26/98 2:05 AM	400	46	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 2:09 AM	561	505	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/26/98 2:12 AM	663	11	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 2:14 AM	626	69	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 2:15 AM	719	14	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 2:17 AM	129	1708	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/26/98 2:17 AM	643	14	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 2:19 AM	77	196	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/26/98 2:21 AM	399	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/26/98 2:28 AM	362	49	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 2:28 AM	497	19	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 2:29 AM	206	18	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 2:32 AM	328	22	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OTHER	FIELD INSPECTION	NO
6/26/98 2:33 AM	352	27	OTHER	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/26/98 2:35 AM	170	107	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/26/98 2:38 AM	382	12	OTHER	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/26/98 2:39 AM	411	252	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 2:40 AM	115	3686	WEATHER - LIGHTNING	PHASE WIRE	OTHER	FIELD INSPECTION	NO
6/26/98 2:42 AM	198	27	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 2:44 AM	186	16	TREE CONTACT - SECONDARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 2:44 AM	396	10	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 2:46 AM	301	1496	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
6/26/98 2:49 AM	416	13	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 2:53 AM	172	1945	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
6/26/98 2:54 AM	201	78	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 3:02 AM	488	696	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/26/98 3:09 AM	176	126	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 3:09 AM	531	19	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 3:11 AM	239	131	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 3:17 AM	10	2297	INTENTIONAL - EMERGENCY REPAIRS	SUBSTATION BREAKER	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/26/98 3:17 AM	273	34	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 3:17 AM	653	35	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 3:28 AM	212	56	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 3:34 AM	566	37	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 3:54 AM	396	39	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 4:02 AM	493	42	WEATHER - FLOODING/RAIN	CABLE JOINT/SPLICE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 4:24 AM	696	39	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 4:26 AM	444	25	WEATHER - LIGHTNING	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/26/98 4:27 AM	43	65	UNKNOWN	OTHER EQUIPMENT	TREE TRIMMED	FIELD INSPECTION	NO
6/26/98 4:30 AM	330	13	WEATHER - LIGHTNING	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 4:39 AM	441	12	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 4:42 AM	793	239	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/26/98 4:59 AM	525	21	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 5:01 AM	279	33	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 5:02 AM	58	1247	TREE CONTACT - PRIMARY	PHASE WIRE	TEMPORARY SWITCHING	TREE TRIMMING	NO
6/26/98 5:09 AM	271	21	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/26/98 5:12 AM	328	110	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
6/26/98 5:17 AM	313	40	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 5:26 AM	1174	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	YES

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/26/98 5:35 AM	790	12	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
6/26/98 5:42 AM	228	11	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 5:50 AM	282	14	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 6:10 AM	150	19	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 6:22 AM	128	13	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 6:23 AM	265	110	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/26/98 6:27 AM	333	35	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 6:30 AM	240	13	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 6:36 AM	219	268	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 6:40 AM	120	116	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 6:40 AM	560	15	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/26/98 6:48 AM	252	14	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/26/98 6:53 AM	267	13	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 6:55 AM	380	16	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
6/26/98 6:56 AM	94	59	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 7:14 AM	346	13	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 7:41 AM	199	35	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 7:47 AM	353	18	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 8:03 AM	627	34	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/26/98 8:15 AM	285	21	OTHER	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
6/26/98 8:20 AM	205	20	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/26/98 8:24 AM	191	51	WEATHER - LIGHTNING	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 8:26 AM	334	35	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 9:09 AM	336	43	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 9:12 AM	93	680	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 9:12 AM	225	4819	UNKNOWN	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 9:36 AM	334	37	UNKNOWN	CABLE JOINT/SPLICE	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/26/98 9:41 AM	219	11	OTHER	DEAD END	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 9:45 AM	140	4199	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/26/98 10:32 AM	238	17	WEATHER - LIGHTNING	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 10:35 AM	325	13	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
6/26/98 10:39 AM	171	11	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
6/26/98 10:54 AM	185	14	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 10:59 AM	241	26	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 11:05 AM	145	12	OTHER	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
6/26/98 11:52 AM	63	67	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/26/98 11:59 AM	301	21	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 12:16 PM	244	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/26/98 12:17 PM	268	13	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 12:32 PM	448	43	WEATHER - FLOODING/RAIN	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 12:51 PM	69	11	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 12:53 PM	157	33	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 12:57 PM	268	19	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/26/98 1:01 PM	59	13	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 1:22 PM	348	122	UNKNOWN	OTHER EQUIPMENT	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/26/98 1:24 PM	181	1151	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 1:44 PM	76	13	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 2:10 PM	365	14	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	NO
6/26/98 2:20 PM	150	63	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 3:39 PM	201	13	OTHER	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 3:42 PM	143	59	UNKNOWN	OTHER EQUIPMENT	REPLACED CIRCUIT SWITCHER	FIELD INSPECTION	NO
6/26/98 4:13 PM	77	48	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/26/98 6:47 PM	88	11	WEATHER - WIND	TAP WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/26/98 7:14 PM	136	75	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/26/98 7:52 PM	98	11	UNKNOWN	FUSE/CUTOUT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/27/98 12:37 AM	153	41	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/27/98 12:45 AM	90	27	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/27/98 5:07 AM	53	263	UNKNOWN	OVERHEAD TRANSFORMER	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/27/98 5:12 AM	168	13	WEATHER - LIGHTNING	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/27/98 5:22 AM	58	20	WEATHER - LIGHTNING	ARRESTER	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/27/98 5:31 AM	599	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
6/27/98 5:48 AM	102	22	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/27/98 6:00 AM	210	1040	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/27/98 6:09 AM	101	16	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
6/27/98 6:11 AM	79	14	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
6/27/98 6:37 AM	128	30	UNKNOWN	OTHER EQUIPMENT	REPAIRED CIRCUIT SWITCHER	FIELD INSPECTION	NO
6/27/98 6:38 AM	67	1499	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/27/98 7:16 AM	149	12	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/27/98 12:07 PM	29	276	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/27/98 12:23 PM	117	36	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/27/98 12:30 PM	80	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/27/98 12:38 PM	237	37	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
6/27/98 1:35 PM	90	47	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/27/98 2:42 PM	76	2107	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/27/98 4:08 PM	177	37	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/27/98 5:37 PM	103	115	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/27/98 5:39 PM	101	14	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/27/98 7:01 PM	124	147	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/27/98 7:07 PM	743	35	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/27/98 7:23 PM	247	29	OTHER	OVERHEAD TRANSFORMER	CHANGED SIZE	FIELD INSPECTION	NO
6/27/98 7:49 PM	461	13	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/27/98 7:57 PM	63	79	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/27/98 9:51 PM	69	10	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/27/98 11:51 PM	359	62	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 12:03 AM	412	77	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/28/98 12:08 AM	82	151	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 12:20 AM	400	352	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/28/98 12:28 AM	602	24	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 12:33 AM	387	201	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/28/98 12:45 AM	100	1293	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 12:52 AM	108	11	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/28/98 1:06 AM	229	316	WEATHER - WIND	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
6/28/98 1:10 AM	95	30	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 2:36 AM	269	344	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/28/98 2:37 AM	278	388	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
6/28/98 2:37 AM	283	20	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 2:38 AM	132	2373	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 2:38 AM	292	1392	UNKNOWN	OTHER EQUIPMENT	CLOSED SWITCH/DISCONNECT/LT	FIELD INSPECTION	NO
6/28/98 2:38 AM	382	22	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 2:39 AM	411	41	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 2:43 AM	932	23	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 2:44 AM	1126	308	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 2:45 AM	295	89	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/28/98 2:46 AM	284	96	WEATHER - WIND	SUBSTATION BREAKER	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
6/28/98 2:48 AM	687	177	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	OTHER	FIELD INSPECTION	NO
6/28/98 2:49 AM	386	12	WEATHER - LIGHTNING	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 2:49 AM	611	168	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 2:50 AM	360	44	WEATHER - LIGHTNING	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 2:50 AM	550	176	UNKNOWN	NEUTRAL WIRE	OTHER	FIELD INSPECTION	NO
6/28/98 2:50 AM	820	30	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 2:53 AM	457	10	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/28/98 2:54 AM	606	200	WEATHER - WIND	SWITCH/DISCONNECT/LTD	CLOSED SWITCH/DISCONNECT/LT	FIELD INSPECTION	NO
6/28/98 2:55 AM	365	241	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/28/98 2:59 AM	631	106	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 3:00 AM	450	189	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/28/98 3:10 AM	270	81	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/28/98 3:11 AM	409	93	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/28/98 3:13 AM	560	76	WEATHER - LIGHTNING	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 3:15 AM	260	44	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/28/98 3:15 AM	535	32	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/28/98 3:16 AM	159	12	TREE CONTACT - PRIMARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/28/98 3:16 AM	201	3561	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 3:17 AM	553	89	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 3:17 AM	1608	55	OTHER	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/28/98 3:20 AM	340	74	WEATHER - LIGHTNING	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
6/28/98 3:28 AM	332	54	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/28/98 3:42 AM	123	1123	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	SWITCHGEAR	REPAIRED OTHER	NO ACTION NEEDED	NO
6/28/98 3:47 AM	263	14	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 3:50 AM	355	21	WEATHER - WIND	PHASE WIRE	REPAIRED OTHER	FIELD INSPECTION	NO
6/28/98 3:53 AM	157	23	WEATHER - LIGHTNING	SECTIONALIZER	CLOSED SECTIONALIZER	FIELD INSPECTION	NO
6/28/98 4:01 AM	299	17	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 4:16 AM	494	14	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 4:22 AM	278	13	WEATHER - WIND	PHASE WIRE	REPAIRED OTHER	FIELD INSPECTION	NO
6/28/98 4:34 AM	291	77	WEATHER - LIGHTNING	TERMINATION	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/28/98 4:38 AM	65	1729	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/28/98 4:38 AM	282	18	OTHER	NEUTRAL WIRE	REPAIRED OTHER	FIELD INSPECTION	NO
6/28/98 4:58 AM	542	57	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 5:00 AM	335	20	UNKNOWN	OTHER EQUIPMENT	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
6/28/98 5:08 AM	267	19	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 5:21 AM	264	15	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/28/98 5:39 AM	921	522	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/28/98 5:56 AM	244	28	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 6:25 AM	125	124	WEATHER - LIGHTNING	PHASE WIRE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
6/28/98 6:26 AM	408	124	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 6:44 AM	136	19	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/28/98 6:44 AM	286	13	WEATHER - WIND	PHASE WIRE	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
6/28/98 6:49 AM	36	11	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 6:50 AM	250	100	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 6:57 AM	588	13	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 7:02 AM	118	19	WEATHER - LIGHTNING	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 7:19 AM	221	95	TREE LIMB BROKEN - PRIMARY	CROSS/ALLEY ARM	REPLACED EQUIPMENT	TREE TRIMMING	NO
6/28/98 7:39 AM	81	18	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 7:45 AM	105	14	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 8:01 AM	209	77	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/28/98 8:07 AM	118	25	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
6/28/98 8:18 AM	207	21	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/28/98 8:23 AM	517	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 8:45 AM	50	18	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/28/98 8:54 AM	136	11	WEATHER - LIGHTNING	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 9:00 AM	60	238	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/28/98 9:15 AM	1405	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 9:28 AM	272	23	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/28/98 9:29 AM	361	13	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 9:30 AM	120	20	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/28/98 9:31 AM	59	17	WEATHER - WIND	LINE RECLOSER	REPAIRED OTHER	FIELD INSPECTION	NO
6/28/98 9:47 AM	73	21	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
6/28/98 9:55 AM	315	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/28/98 10:04 AM	416	26	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/28/98 10:16 AM	404	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 10:17 AM	193	47	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 10:53 AM	667	1269	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/28/98 11:38 AM	262	11	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 11:43 AM	9	2316	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
6/28/98 12:15 PM	135	123	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	NO
6/28/98 12:30 PM	120	11	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 1:01 PM	299	19	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 1:53 PM	247	58	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/28/98 2:33 PM	792	11	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	YES

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
6/28/98 4:35 PM	55	15	UNKNOWN	OTHER EQUIPMENT	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
6/28/98 4:37 PM	147	1423	WEATHER - EXTREME HEAT	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 4:47 PM	13	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/28/98 6:19 PM	66	13	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 6:29 PM	566	166	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/28/98 7:47 PM	268	23	UNKNOWN	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/28/98 9:43 PM	110	16	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/28/98 10:30 PM	100	30	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 11:21 PM	51	729	PUBLIC - VEHICLES	POLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
6/28/98 11:22 PM	468	166	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/28/98 11:59 PM	916	236	WEATHER - WIND	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/29/98 1:03 AM	717	147	TREE CONTACT - PRIMARY	POLE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/29/98 5:49 AM	416	13	WEATHER - WIND	NEUTRAL WIRE	TREE REMOVED	FIELD INSPECTION	NO
6/29/98 6:21 AM	199	12	TREE CONTACT - PRIMARY	NEUTRAL WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/29/98 6:29 AM	146	194	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/29/98 6:48 AM	162	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/29/98 7:31 AM	149	21	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/29/98 7:38 AM	502	10	WEATHER - LIGHTNING	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
6/29/98 8:42 AM	513	72	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/29/98 10:30 AM	90	11	WEATHER - WIND	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 11:07 AM	413	13	WEATHER - WIND	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 11:27 AM	413	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 11:29 AM	291	163	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
6/29/98 12:30 PM	425	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/29/98 3:43 PM	146	6378	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 3:50 PM	70	11	WEATHER - FLOODING/RAIN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
6/29/98 4:09 PM	111	23	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 4:09 PM	131	42	PUBLIC - FOREIGN OBJECT	PHASE WIRE	CLOSED SUBSTATION RECLOSER	NO ACTION NEEDED	NO
6/29/98 4:16 PM	74	114	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/29/98 4:49 PM	71	14	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 4:49 PM	111	64	WEATHER - LIGHTNING	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
6/29/98 5:03 PM	192	78	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/29/98 5:06 PM	84	23	WEATHER - LIGHTNING	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 5:09 PM	116	26	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
6/29/98 5:12 PM	183	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/29/98 5:14 PM	146	15	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 5:26 PM	94	40	TREE CONTACT - PRIMARY	TAP WIRE	TREE REMOVED	TREE TRIMMING	NO
6/29/98 5:40 PM	170	47	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 5:42 PM	78	596	PUBLIC - FOREIGN OBJECT	PHASE WIRE	OTHER	NO ACTION NEEDED	NO
6/29/98 5:50 PM	115	112	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 6:06 PM	129	23	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/29/98 6:10 PM	160	154	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
6/29/98 6:25 PM	155	27	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/29/98 6:27 PM	108	15	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
6/29/98 6:55 PM	185	14	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
6/29/98 7:24 PM	66	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
6/29/98 9:26 PM	94	12	WEATHER - LIGHTNING	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
6/29/98 9:41 PM	169	55	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/30/98 1:00 AM	120	21	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/30/98 1:28 AM	737	32	UNKNOWN	3:1 TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	YES
6/30/98 1:43 AM	202	42	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
6/30/98 7:41 AM	124	176	TREE LIMB BROKEN - PRIMARY	TAP WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
6/30/98 9:53 AM	47	10	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
6/30/98 12:58 PM	122	425	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
6/30/98 2:58 PM	35	1376	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
6/30/98 3:58 PM	92	13	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/1/98 10:53 AM	127	14	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
7/2/98 5:17 AM	68	55	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/2/98 6:35 AM	70	10	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/2/98 6:38 AM	112	15	UNKNOWN	TAP WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
7/2/98 8:01 AM	99	28	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/2/98 9:14 AM	51	18	OVERHEAD EQUIPMENT - BROKEN FUSE	FUSE/CUTOUT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/2/98 9:41 AM	64	10	WILDLIFE	TAP WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/2/98 9:42 AM	282	171	WEATHER - WIND	CROSS/ALLEY ARM	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
7/2/98 1:13 PM	117	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/2/98 4:13 PM	122	34	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
7/2/98 6:52 PM	113	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
7/2/98 9:56 PM	49	12	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/2/98 10:25 PM	80	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/3/98 8:43 AM	47	23	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/3/98 1:59 PM	146	30	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/3/98 4:15 PM	125	14	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/3/98 6:03 PM	107	461	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 6:35 PM	100	151	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/3/98 6:40 PM	79	279	WEATHER - LIGHTNING	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/3/98 6:43 PM	257	71	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/3/98 6:46 PM	315	24	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 6:46 PM	613	43	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/3/98 6:48 PM	87	47	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/3/98 6:48 PM	221	72	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 6:51 PM	779	73	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
7/3/98 6:53 PM	63	1532	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/3/98 6:56 PM	47	1558	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
7/3/98 7:00 PM	960	75	OTHER	OVERHEAD TRANSFORMER	CHANGED OTHER	FIELD INSPECTION	NO
7/3/98 7:08 PM	112	572	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
7/3/98 7:14 PM	126	193	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
7/3/98 7:16 PM	974	11	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/3/98 7:19 PM	831	14	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
7/3/98 7:29 PM	391	15	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/3/98 7:30 PM	131	1560	WEATHER - LIGHTNING	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/3/98 7:48 PM	15	1321	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/3/98 7:50 PM	405	70	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/3/98 7:57 PM	123	58	WEATHER - LIGHTNING	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/3/98 8:02 PM	493	1058	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/3/98 8:09 PM	251	153	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/3/98 8:12 PM	178	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/3/98 8:14 PM	306	169	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/3/98 8:16 PM	459	41	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/3/98 8:17 PM	298	260	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/3/98 8:18 PM	90	28	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/3/98 8:18 PM	217	17	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/3/98 8:19 PM	476	119	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
7/3/98 8:22 PM	558	15	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 8:25 PM	510	628	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/3/98 8:34 PM	476	139	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/3/98 8:36 PM	209	91	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/3/98 8:43 PM	92	80	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 8:48 PM	482	301	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/3/98 9:11 PM	409	26	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 9:21 PM	669	26	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/3/98 9:27 PM	198	27	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 9:32 PM	568	38	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
7/3/98 9:37 PM	138	64	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 10:27 PM	753	194	UNKNOWN	OTHER EQUIPMENT	CHANGED SIZE	FIELD INSPECTION	YES
7/3/98 10:32 PM	628	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/3/98 10:44 PM	156	26	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 10:55 PM	245	80	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 11:11 PM	364	52	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/3/98 11:11 PM	469	21	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
7/3/98 11:16 PM	274	71	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/3/98 11:25 PM	555	36	WEATHER - LIGHTNING	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/3/98 11:48 PM	62	2640	WEATHER - LIGHTNING	SUBSTATION BREAKER	OTHER	FIELD INSPECTION	NO
7/3/98 11:57 PM	123	26	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/4/98 1:16 AM	10	2513	OVERHEAD EQUIPMENT - CONTAMINATION	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/4/98 2:16 AM	299	25	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
7/4/98 3:45 AM	100	115	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/4/98 4:18 AM	222	116	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/4/98 6:00 AM	225	18	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/4/98 6:22 AM	68	35	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/4/98 6:43 AM	107	19	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/4/98 6:49 AM	101	29	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/4/98 9:19 AM	96	11	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/4/98 9:58 AM	157	117	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/4/98 10:14 AM	56	16	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/4/98 3:09 PM	686	167	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/4/98 6:22 PM	41	59	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/4/98 8:00 PM	340	15	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/5/98 6:47 AM	103	7043	WEATHER - LIGHTNING	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/5/98 6:56 AM	55	964	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/5/98 6:56 AM	57	644	OTHER	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/5/98 8:45 AM	95	30	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/5/98 10:28 AM	69	790	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/5/98 11:35 AM	159	24	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/5/98 11:38 AM	232	64	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/5/98 12:04 PM	46	104	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/5/98 12:05 PM	445	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/6/98 3:44 AM	126	17	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
7/6/98 4:02 AM	103	11	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/6/98 4:16 AM	67	739	UNKNOWN	SECTIONALIZER	CLOSED SUBSTATION RECLOSER	FIELD INSPECTION	NO
7/6/98 8:32 AM	388	120	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/6/98 9:13 AM	182	365	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/6/98 10:26 AM	34	18	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
7/6/98 10:30 AM	10	19	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	OTHER	FIELD INSPECTION	NO
7/6/98 5:26 PM	124	140	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/6/98 6:37 PM	368	44	UNKNOWN	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/6/98 9:55 PM	60	10	UNKNOWN	OVERHEAD TRANSFORMER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/7/98 2:35 AM	325	241	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/7/98 4:59 AM	121	63	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/7/98 6:02 AM	118	116	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/7/98 7:23 AM	127	401	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/7/98 7:42 AM	108	86	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/7/98 7:52 AM	83	38	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/7/98 7:52 AM	398	14	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/7/98 7:53 AM	209	67	PUBLIC - VEHICLES	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
7/7/98 8:02 AM	143	53	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/7/98 8:08 AM	191	10	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
7/7/98 8:12 AM	93	83	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/7/98 8:12 AM	96	4285	WEATHER - LIGHTNING	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/7/98 8:20 AM	195	11	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/7/98 8:35 AM	105	313	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/7/98 8:41 AM	199	311	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/7/98 8:55 AM	30	18	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/7/98 9:26 AM	64	40	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/7/98 9:31 AM	149	45	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/7/98 9:32 AM	118	85	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/7/98 9:46 AM	104	42	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/7/98 10:54 AM	66	86	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/7/98 11:30 AM	175	72	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/7/98 1:01 PM	169	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
7/7/98 2:48 PM	287	71	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/7/98 9:22 PM	188	13	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/8/98 12:51 PM	74	35	OTHER	OVERHEAD TRANSFORMER	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/8/98 2:03 PM	122	76	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/8/98 10:12 PM	93	18	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/8/98 11:39 PM	351	17	UNKNOWN	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/9/98 6:56 AM	74	12	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/9/98 9:12 AM	118	15	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/9/98 10:16 AM	54	90	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
7/9/98 11:52 AM	43	37	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/9/98 2:49 PM	36	177	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/9/98 4:58 PM	105	12	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/9/98 6:23 PM	47	51	OVERHEAD EQUIPMENT - MALFUNCTION	LINE RECLOSER	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
7/9/98 7:03 PM	162	11	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/9/98 8:18 PM	297	12	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/10/98 6:34 AM	75	36	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/10/98 7:12 AM	238	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/10/98 8:24 AM	36	16	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/10/98 10:21 AM	39	19	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
7/10/98 11:25 AM	111	47	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/10/98 11:59 AM	171	36	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/10/98 3:44 PM	81	228	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/11/98 10:32 AM	53	49	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/11/98 12:57 PM	78	59	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/11/98 11:08 PM	205	37	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/11/98 11:21 PM	149	80	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/12/98 12:10 AM	175	12	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/12/98 5:23 AM	167	59	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/12/98 6:29 AM	70	16	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/12/98 4:35 PM	85	40	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/12/98 7:40 PM	109	23	OVERHEAD EQUIPMENT - MALFUNCTION	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/12/98 7:51 PM	59	37	UNDERGROUND EQUIPMENT - MALFUNCTION	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/12/98 10:53 PM	152	32	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
7/12/98 11:37 PM	88	36	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/13/98 8:14 AM	86	15	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/13/98 9:06 AM	154	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/13/98 1:01 PM	139	25	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/13/98 1:42 PM	48	116	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/13/98 3:25 PM	135	53	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/13/98 3:39 PM	31	13	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/13/98 6:41 PM	499	52	UNDERGROUND EQUIPMENT - MALFUNCTION	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/13/98 7:13 PM	392	59	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/13/98 9:09 PM	51	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
7/14/98 2:18 AM	187	45	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/14/98 5:36 AM	444	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/14/98 10:38 AM	62	17	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/14/98 12:04 PM	101	99	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/14/98 2:43 PM	377	67	UNKNOWN	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/14/98 3:11 PM	199	33	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/14/98 4:08 PM	217	13	PUBLIC - ACCIDENT BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
7/14/98 4:17 PM	73	17	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/14/98 6:08 PM	102	103	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/14/98 8:52 PM	308	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/15/98 12:43 PM	137	36	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/15/98 12:54 PM	201	253	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/15/98 7:21 PM	84	67	OVERHEAD EQUIPMENT - MALFUNCTION	SECTIONALIZER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
7/15/98 7:39 PM	156	1194	UNKNOWN	SUBSTATION RECLOSER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/15/98 9:51 PM	294	12	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
7/15/98 11:09 PM	351	16	UNKNOWN	OTHER EQUIPMENT	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/16/98 7:05 AM	85	51	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/16/98 8:44 AM	158	112	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/16/98 12:15 PM	90	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/16/98 2:53 PM	47	67	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
7/16/98 6:03 PM	47	10	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/16/98 6:19 PM	266	242	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/16/98 11:03 PM	162	16	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/17/98 3:15 AM	165	84	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/17/98 6:17 AM	238	34	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/17/98 9:16 AM	104	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/17/98 12:56 PM	61	22	UNDERGROUND EQUIPMENT - MALFUNCTION	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/17/98 1:43 PM	137	121	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/17/98 2:26 PM	114	11	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/17/98 6:04 PM	21	14	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/17/98 8:31 PM	4	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/18/98 7:16 AM	69	952	PUBLIC - ACCIDENT BY OTHERS	POLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/18/98 7:54 AM	81	24	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
7/18/98 10:09 AM	113	31	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/18/98 2:21 PM	129	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
7/18/98 4:18 PM	82	18	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/18/98 11:18 PM	432	14	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 2:25 AM	235	54	WEATHER - WIND	POLE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 3:25 AM	135	10	WEATHER - LIGHTNING	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
7/19/98 3:30 AM	209	11	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/19/98 3:36 AM	344	525	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 3:42 AM	188	67	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/19/98 3:44 AM	436	15	CUSTOMER - EQUIPMENT	PHASE WIRE	TEMPORARY JUMPER TO RESTORE	NO ACTION NEEDED	NO
7/19/98 3:54 AM	581	126	OTHER	OVERHEAD TRANSFORMER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 3:57 AM	363	13	CUSTOMER - EQUIPMENT	PHASE WIRE	OTHER	NO ACTION NEEDED	NO
7/19/98 4:01 AM	89	20	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 4:01 AM	559	2627	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 4:03 AM	627	87	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 4:10 AM	275	118	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 4:10 AM	490	87	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 4:16 AM	584	67	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 4:16 AM	584	365	WEATHER - LIGHTNING	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
7/19/98 4:23 AM	846	273	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 4:25 AM	500	732	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TEMPORARY SWITCHING	TREE TRIMMING	NO
7/19/98 4:30 AM	9	2263	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
7/19/98 4:30 AM	240	14	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 4:34 AM	88	153	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/19/98 4:34 AM	276	46	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 4:40 AM	80	142	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 4:43 AM	437	27	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 4:52 AM	458	468	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 4:54 AM	376	58	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 4:56 AM	314	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 4:56 AM	404	26	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 4:56 AM	574	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 4:59 AM	176	52	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 4:59 AM	181	54	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 4:59 AM	191	26	WEATHER - WIND	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
7/19/98 4:59 AM	811	51	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/19/98 5:00 AM	260	77	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/19/98 5:00 AM	285	101	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 5:01 AM	739	25	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 5:03 AM	762	67	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/19/98 5:06 AM	464	44	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
7/19/98 5:07 AM	443	131	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 5:07 AM	593	80	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/19/98 5:08 AM	172	18	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	TEMPORARY SWITCHING	TREE TRIMMING	NO
7/19/98 5:08 AM	622	40	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 5:09 AM	134	131	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 5:11 AM	786	21	WEATHER - WIND	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 5:13 AM	252	16	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 5:14 AM	1316	23	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 5:18 AM	672	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 5:20 AM	265	183	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/19/98 5:21 AM	384	12	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 5:26 AM	374	40	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 5:28 AM	282	11	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/19/98 5:29 AM	151	183	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/19/98 5:29 AM	431	16	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 5:33 AM	252	122	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 5:38 AM	472	122	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 5:47 AM	513	565	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 5:50 AM	280	72	WEATHER - FLOODING/RAIN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/19/98 5:50 AM	311	34	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 5:51 AM	249	61	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 5:53 AM	802	24	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 5:56 AM	294	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 6:02 AM	338	16	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 6:02 AM	658	43	WEATHER - LIGHTNING	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/19/98 6:04 AM	446	27	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 6:05 AM	775	110	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 6:06 AM	274	191	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 6:13 AM	167	1504	WEATHER - LIGHTNING	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/19/98 6:26 AM	169	20	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 6:30 AM	510	11	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 6:34 AM	161	11	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 6:35 AM	475	30	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 6:35 AM	645	696	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
7/19/98 6:43 AM	667	40	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 6:48 AM	262	13	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 6:59 AM	461	23	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 7:01 AM	594	10	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 7:06 AM	284	13	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 7:15 AM	250	27	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 7:16 AM	204	251	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
7/19/98 7:18 AM	372	35	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 7:31 AM	134	45	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 7:40 AM	200	15	WEATHER - LIGHTNING	CONNECTOR/SLEEVE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/19/98 7:41 AM	64	668	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/19/98 7:44 AM	391	11	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
7/19/98 7:52 AM	608	183	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
7/19/98 8:04 AM	231	90	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/19/98 8:26 AM	769	20	UNKNOWN	OTHER EQUIPMENT	REPLACED TRANSFORMER	FIELD INSPECTION	YES
7/19/98 8:56 AM	229	441	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
7/19/98 9:02 AM	268	11	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 9:12 AM	33	74	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 9:37 AM	653	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 10:09 AM	121	19	TREE LIMB BROKEN - SECONDARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 10:47 AM	138	24	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 10:50 AM	760	14	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 10:58 AM	77	14	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 11:00 AM	540	16	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 11:31 AM	104	17	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
7/19/98 11:47 AM	238	31	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
7/19/98 11:55 AM	260	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 12:09 PM	36	17	TREE CONTACT - SECONDARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
7/19/98 12:18 PM	7	563	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
7/19/98 12:32 PM	313	34	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/19/98 12:35 PM	165	13	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 12:39 PM	66	24	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	TEMPORARY JUMPER TO RESTORE	TREE TRIMMING	NO
7/19/98 12:49 PM	611	13	WEATHER - LIGHTNING	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 1:01 PM	359	12	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 1:04 PM	36	41	TREE CONTACT - PRIMARY	TAP WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 1:27 PM	88	19	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 1:31 PM	189	27	WEATHER - WIND	OTHER EQUIPMENT	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
7/19/98 1:35 PM	385	20	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 2:03 PM	117	11	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 2:05 PM	235	114	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/19/98 2:06 PM	414	15	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 2:48 PM	88	1347	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/19/98 2:58 PM	132	83	TREE CONTACT - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/19/98 3:44 PM	23	2327	UNDERGROUND EQUIPMENT - UG FAILURE	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/19/98 3:45 PM	155	38	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/19/98 3:50 PM	330	15	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 4:15 PM	478	17	TREE LIMB BROKEN - SECONDARY	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 4:44 PM	156	17	CUSTOMER - OVERLOAD	OTHER EQUIPMENT	CLOSED OTHER	NO ACTION NEEDED	NO
7/19/98 5:52 PM	157	1393	OTHER	LINE RECLOSER	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
7/19/98 6:05 PM	220	20	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/19/98 6:06 PM	18	947	WEATHER - LIGHTNING	CROSS/ALLEY ARM	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 6:32 PM	178	221	WEATHER - LIGHTNING	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
7/19/98 7:26 PM	46	1376	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/19/98 8:32 PM	398	77	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 8:46 PM	69	11	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 8:46 PM	134	160	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 8:51 PM	84	108	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/19/98 9:25 PM	140	16	OTHER	AERIAL CABLE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/19/98 9:34 PM	411	15	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/19/98 11:23 PM	67	160	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 5:04 AM	166	26	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	OTHER	FIELD INSPECTION	NO
7/20/98 6:31 AM	119	24	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/20/98 7:20 AM	160	39	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/20/98 7:30 AM	120	36	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 7:42 AM	178	145	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 9:09 AM	156	19	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 1:13 PM	147	38	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 1:19 PM	46	20	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/20/98 1:27 PM	23	61	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
7/20/98 2:08 PM	67	12	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/20/98 3:06 PM	99	17	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 3:22 PM	188	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/20/98 3:24 PM	111	52	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
7/20/98 5:57 PM	153	189	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/20/98 6:23 PM	237	17	OTHER	OVERHEAD TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
7/20/98 6:47 PM	103	19	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 7:05 PM	235	49	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 7:07 PM	203	62	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 7:09 PM	201	71	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 7:11 PM	114	10	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 7:17 PM	353	80	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 7:22 PM	68	90	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/20/98 7:26 PM	154	179	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/20/98 7:32 PM	498	19	WEATHER - LIGHTNING	SECTIONALIZER	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 7:34 PM	641	200	WEATHER - WIND	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
7/20/98 7:36 PM	834	87	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/20/98 7:37 PM	1103	79	WEATHER - WIND	POLE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 7:41 PM	919	10	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/20/98 7:44 PM	411	135	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/20/98 7:46 PM	349	235	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
7/20/98 7:50 PM	480	23	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/20/98 7:52 PM	263	102	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 7:54 PM	536	31	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 7:55 PM	440	62	WEATHER - LIGHTNING	SECTIONALIZER	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 7:55 PM	450	30	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
7/20/98 8:01 PM	269	41	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 8:04 PM	881	24	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 8:07 PM	188	23	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 8:19 PM	206	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/20/98 8:22 PM	313	155	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
7/20/98 8:27 PM	333	25	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
7/20/98 8:42 PM	183	214	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
7/20/98 8:53 PM	332	94	WEATHER - LIGHTNING	SECTIONALIZER	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/20/98 9:23 PM	122	52	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 9:38 PM	157	170	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/20/98 10:11 PM	199	66	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/20/98 10:29 PM	211	46	TREE CONTACT - PRIMARY	SECTIONALIZER	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/20/98 10:42 PM	158	28	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/20/98 10:44 PM	371	268	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/20/98 11:29 PM	331	12	WEATHER - WIND	POLE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 1:14 AM	190	216	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/21/98 1:15 AM	225	61	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/21/98 2:13 AM	167	54	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/21/98 2:23 AM	417	46	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/21/98 3:27 AM	83	94	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/21/98 4:30 AM	495	12	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/21/98 4:48 AM	177	31	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/21/98 5:43 AM	52	22	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/21/98 6:03 AM	117	77	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/21/98 6:12 AM	198	80	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 6:13 AM	242	253	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 6:16 AM	314	11	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 6:25 AM	175	101	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/21/98 6:45 AM	135	16	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/21/98 7:34 AM	100	24	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/21/98 8:15 AM	315	16	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 8:27 AM	243	786	TREE CONTACT - PRIMARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 9:13 AM	62	20	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/21/98 9:33 AM	147	13	TREE CONTACT - SECONDARY	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 9:35 AM	120	13	UNKNOWN	FUSE/CUTOUT	TREE REMOVED	FIELD INSPECTION	NO
7/21/98 9:50 AM	135	1358	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
7/21/98 10:18 AM	477	1755	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 10:25 AM	275	133	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 10:29 AM	391	204	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/21/98 11:10 AM	105	28	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 12:06 PM	144	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/21/98 12:21 PM	324	141	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 12:23 PM	111	162	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 12:27 PM	44	482	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
7/21/98 12:35 PM	60	33	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/21/98 12:44 PM	32	3863	WEATHER - WIND	CROSS/ALLEY ARM	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 1:02 PM	46	6180	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
7/21/98 1:02 PM	46	6180	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TEMPORARY SWITCHING	TREE TRIMMING	NO
7/21/98 1:20 PM	130	25	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
7/21/98 1:28 PM	85	1901	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/21/98 1:28 PM	85	2107	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
7/21/98 1:36 PM	249	37	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 1:41 PM	214	291	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 1:42 PM	248	44	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 1:43 PM	62	117	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/21/98 1:45 PM	165	192	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 2:07 PM	142	1182	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
7/21/98 2:36 PM	69	30	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/21/98 3:13 PM	77	90	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
7/21/98 3:20 PM	100	15	OTHER	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 3:25 PM	95	104	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 3:37 PM	83	28	TREE CONTACT - SECONDARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 3:43 PM	167	23	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 3:59 PM	181	25	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 4:01 PM	119	76	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
7/21/98 5:27 PM	33	12	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/21/98 7:14 PM	101	1402	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/21/98 8:27 PM	288	33	TREE LIMB BROKEN - PRIMARY	CROSS/ALLEY ARM	REPAIRED EQUIPMENT	TREE TRIMMING	NO
7/21/98 9:38 PM	107	35	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
7/22/98 6:31 AM	149	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/22/98 6:35 AM	155	92	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/22/98 11:26 AM	514	10	OTHER	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/22/98 12:32 PM	50	150	INTENTIONAL - EMERGENCY REPAIRS	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
7/22/98 1:30 PM	60	24	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/22/98 3:02 PM	338	16	OVERHEAD EQUIPMENT - CONTAMINATION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/22/98 4:56 PM	94	27	PUBLIC - ACCIDENT BY OTHERS	NEUTRAL WIRE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
7/22/98 7:32 PM	208	30	UNKNOWN	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/22/98 10:30 PM	415	31	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/23/98 12:22 AM	98	26	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/23/98 7:11 AM	414	22	UNDERGROUND EQUIPMENT - UG FAILURE	TERMINATION	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/23/98 9:31 AM	139	25	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/23/98 10:25 AM	125	15	UNKNOWN	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/23/98 11:49 AM	341	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/23/98 1:08 PM	112	436	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/23/98 1:45 PM	355	69	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
7/23/98 2:15 PM	35	25	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/23/98 2:22 PM	158	106	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/23/98 4:35 PM	80	132	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/23/98 4:42 PM	238	109	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/23/98 5:04 PM	116	104	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/23/98 10:02 PM	88	10	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/23/98 10:40 PM	20	73	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/24/98 12:15 AM	405	220	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/24/98 9:51 AM	69	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/24/98 5:57 PM	53	250	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/24/98 6:15 PM	247	141	COMED/CONTRACTOR - DIG-IN BY COMED	CABLE	REPAIRED UNDERGROUND MATERIAL	TRAINING	NO
7/25/98 2:35 AM	155	20	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/25/98 5:53 AM	267	56	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/25/98 6:10 AM	80	14	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
7/25/98 6:50 AM	75	265	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/25/98 6:55 AM	66	5656	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/25/98 7:36 AM	179	44	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/25/98 7:48 AM	172	91	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/25/98 8:17 AM	51	1728	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SECTIONALIZER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/25/98 8:19 AM	40	372	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SECTIONALIZER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/25/98 8:21 AM	28	172	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SECTIONALIZER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/25/98 9:23 AM	82	33	OTHER	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
7/25/98 9:58 AM	183	10	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/25/98 11:19 AM	121	17	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/25/98 6:59 PM	111	15	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/25/98 8:15 PM	110	58	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/25/98 9:36 PM	3	911	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION RECLOSER	FIELD INSPECTION	NO
7/25/98 10:09 PM	206	101	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/26/98 5:34 AM	136	29	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/26/98 6:12 AM	278	157	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/26/98 7:27 AM	63	25	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/26/98 7:54 AM	246	20	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/26/98 1:00 PM	60	107	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/26/98 1:57 PM	43	24	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/26/98 5:25 PM	155	15	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/26/98 5:53 PM	102	32	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/26/98 7:20 PM	85	38	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/26/98 10:31 PM	154	31	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/26/98 11:26 PM	159	49	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/27/98 2:08 AM	221	11	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/27/98 5:03 AM	147	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/27/98 10:10 AM	95	143	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/27/98 10:17 AM	258	36	PUBLIC - ACCIDENT BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/27/98 11:30 AM	18	255	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/27/98 11:44 AM	156	12	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
7/27/98 12:13 PM	44	2613	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TEMPORARY SWITCHING	TREE TRIMMING	NO
7/27/98 1:30 PM	35	979	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/27/98 3:01 PM	259	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/27/98 4:41 PM	96	14	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/27/98 11:14 PM	141	48	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/28/98 7:54 AM	66	19	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/28/98 9:26 AM	67	32	OTHER	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/28/98 9:46 AM	42	12	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/28/98 10:25 AM	95	52	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
7/28/98 1:38 PM	37	51	COMED/CONTRACTOR - ACCIDENT BY CONTRACTOR	PHASE WIRE	REPLACED FUSE OR CUTOUT	TRAINING	NO
7/28/98 3:20 PM	255	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/28/98 5:24 PM	96	10	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/28/98 5:37 PM	353	208	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/28/98 6:28 PM	302	32	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/29/98 1:57 AM	228	100	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/29/98 8:55 AM	65	29	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/29/98 8:57 AM	326	20	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/29/98 9:21 AM	159	105	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/29/98 9:38 AM	52	18	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
7/29/98 10:04 AM	86	581	WILDLIFE	SWITCH/DISCONNECT/LTD	REPAIRED EQUIPMENT	ANIMAL GUARD CHECK	NO
7/29/98 2:06 PM	102	692	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/29/98 3:39 PM	261	79	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
7/29/98 9:10 PM	200	22	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/29/98 11:24 PM	406	22	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/30/98 6:13 AM	127	33	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/30/98 6:54 AM	176	15	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/30/98 7:46 AM	44	38	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/30/98 10:13 AM	107	78	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/30/98 11:17 AM	118	103	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
7/30/98 5:17 PM	88	134	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
7/30/98 5:38 PM	82	15	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/30/98 6:00 PM	90	34	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/30/98 6:16 PM	114	14	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
7/31/98 1:21 AM	294	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
7/31/98 5:28 AM	292	114	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/31/98 8:36 AM	104	22	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
7/31/98 8:58 AM	317	20	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TEMPORARY JUMPER TO RESTORE	TREE TRIMMING	NO
7/31/98 10:45 AM	275	22	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
7/31/98 11:09 AM	106	241	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/31/98 11:52 AM	188	22	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/31/98 12:02 PM	26	1456	UNKNOWN	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
7/31/98 12:02 PM	181	4233	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
7/31/98 3:04 PM	151	391	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/31/98 4:29 PM	91	101	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
7/31/98 6:15 PM	150	170	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
7/31/98 6:24 PM	138	18	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
7/31/98 7:08 PM	172	18	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
7/31/98 7:39 PM	281	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
8/1/98 2:17 AM	223	63	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/1/98 12:15 PM	90	12	OTHER	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/1/98 3:37 PM	233	14	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/1/98 4:27 PM	48	14	UNKNOWN	METER ENTRANCE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/1/98 5:55 PM	195	22	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/1/98 7:52 PM	98	10	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/1/98 8:07 PM	208	31	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/1/98 11:17 PM	223	37	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/2/98 4:16 AM	224	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/2/98 6:57 AM	103	11	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/2/98 10:45 AM	25	17	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/2/98 9:42 PM	93	182	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/3/98 6:37 AM	98	22	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/3/98 7:22 AM	143	159	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/3/98 8:11 AM	139	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE JOINT/SPLICE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/3/98 9:08 AM	199	34	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/3/98 10:39 AM	76	33	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/3/98 12:08 PM	201	95	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/3/98 4:11 PM	89	57	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/3/98 4:39 PM	216	23	UNKNOWN	CONNECTOR/SLEEVE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/3/98 6:37 PM	68	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/3/98 7:21 PM	144	11	UNKNOWN	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/4/98 3:18 AM	602	12	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/4/98 4:48 AM	73	47	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/4/98 4:56 AM	3	1909	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	SUBSTATION BUS	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/4/98 5:24 AM	500	11	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/4/98 5:48 AM	290	32	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/4/98 6:38 AM	135	1756	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
8/4/98 6:55 AM	246	17	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/4/98 7:17 AM	131	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
8/4/98 7:21 AM	99	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/4/98 7:28 AM	227	23	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/4/98 7:46 AM	104	203	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/4/98 7:47 AM	133	298	WEATHER - LIGHTNING	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
8/4/98 7:50 AM	355	17	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/4/98 7:53 AM	74	49	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
8/4/98 7:53 AM	90	5788	WEATHER - LIGHTNING	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/4/98 7:53 AM	110	2259	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/4/98 7:54 AM	104	730	WILDLIFE	PHASE WIRE	TEMPORARY SWITCHING	ANIMAL GUARD CHECK	NO
8/4/98 7:57 AM	203	1093	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/4/98 8:13 AM	107	12	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/4/98 8:37 AM	98	26	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/4/98 8:41 AM	294	15	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	CHANGED OTHER	FIELD INSPECTION	NO
8/4/98 9:19 AM	331	10	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/4/98 9:48 AM	312	33	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/4/98 10:04 AM	137	2015	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/4/98 10:10 AM	110	17	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
8/4/98 10:55 AM	4	14	OTHER	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
8/4/98 11:17 AM	58	10	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/4/98 11:17 AM	88	635	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/4/98 11:27 AM	123	22	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/4/98 11:43 AM	107	1514	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/4/98 11:43 AM	107	3763	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/4/98 11:45 AM	199	1283	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/4/98 11:45 AM	199	4233	WEATHER - LIGHTNING	SWITCH/DISCONNECT/LTD	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/4/98 12:12 PM	20	725	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/4/98 12:12 PM	20	725	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/4/98 12:30 PM	150	307	WEATHER - LIGHTNING	NEUTRAL WIRE	OTHER	FIELD INSPECTION	NO
8/4/98 12:44 PM	216	459	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/4/98 12:58 PM	226	46	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	OTHER	FIELD INSPECTION	NO
8/4/98 1:00 PM	80	44	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/4/98 1:09 PM	111	17	UNKNOWN	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/4/98 1:13 PM	52	1589	UNKNOWN	SWITCH/DISCONNECT/LTD	CLOSED SWITCH/DISCONNECT/LTD	FIELD INSPECTION	NO
8/4/98 1:14 PM	266	17	WEATHER - LIGHTNING	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/4/98 1:15 PM	315	41	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/4/98 1:49 PM	91	81	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/4/98 2:02 PM	151	11	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/4/98 2:24 PM	196	17	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/4/98 2:25 PM	500	12	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/4/98 2:27 PM	154	44	WEATHER - LIGHTNING	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/4/98 2:30 PM	123	12	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
8/4/98 3:04 PM	46	12	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
8/4/98 3:05 PM	190	30	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/4/98 3:10 PM	72	77	WEATHER - LIGHTNING	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/4/98 3:14 PM	66	152	UNKNOWN	OTHER EQUIPMENT	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
8/4/98 3:23 PM	427	10	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
8/4/98 4:28 PM	177	41	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/4/98 4:49 PM	161	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/4/98 5:29 PM	66	76	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/4/98 6:13 PM	94	22	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/4/98 7:13 PM	97	15	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/4/98 8:56 PM	119	114	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/5/98 3:10 AM	100	175	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/5/98 7:42 AM	78	15	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/5/98 9:48 AM	402	74	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/5/98 9:57 AM	18	48	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	TREE TRIMMED	FIELD INSPECTION	NO
8/5/98 12:05 PM	125	15	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/5/98 12:18 PM	197	21	COMED/CONTRACTOR - DIG-IN BY COMED	CABLE	REPAIRED UNDERGROUND MATERIAL	TRAINING	NO
8/5/98 12:22 PM	138	15	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/5/98 2:46 PM	164	79	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
8/5/98 2:57 PM	318	25	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	CHANGED SIZE	FIELD INSPECTION	NO
8/5/98 6:51 PM	94	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/5/98 8:01 PM	119	29	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/5/98 8:20 PM	130	1027	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
8/5/98 9:56 PM	97	21	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/5/98 11:47 PM	223	760	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/6/98 12:57 AM	183	12	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/6/98 7:26 AM	539	12	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/6/98 8:32 AM	238	80	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/6/98 11:26 AM	64	12	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
8/6/98 12:53 PM	37	73	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
8/6/98 1:21 PM	69	57	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/6/98 2:35 PM	145	29	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/6/98 2:55 PM	85	14	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/6/98 3:57 PM	93	23	UNKNOWN	TERMINATION	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/7/98 12:48 AM	212	56	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
8/7/98 8:37 AM	533	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/7/98 11:16 AM	60	85	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	TREE REMOVED	NO ACTION NEEDED	NO
8/7/98 2:29 PM	301	74	UNKNOWN	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/7/98 3:35 PM	100	141	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/7/98 5:31 PM	329	18	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
8/7/98 5:36 PM	679	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/7/98 9:57 PM	178	100	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/7/98 11:37 PM	178	10	TREE LIMB BROKEN - PRIMARY	TAP WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/8/98 4:27 AM	148	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/8/98 6:13 AM	97	43	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/8/98 7:44 AM	161	66	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/8/98 9:37 AM	75	66	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/8/98 9:37 AM	75	66	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/8/98 2:59 PM	151	19	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/8/98 3:34 PM	266	10	TREE LIMB BROKEN - PRIMARY	AERIAL CABLE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/8/98 5:24 PM	81	65	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/8/98 5:43 PM	127	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/8/98 6:22 PM	113	100	PUBLIC - ACCIDENT BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/8/98 7:08 PM	147	27	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/8/98 7:14 PM	141	41	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/8/98 7:43 PM	122	52	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/8/98 8:01 PM	479	36	UNKNOWN	OTHER EQUIPMENT	TREE TRIMMED	FIELD INSPECTION	NO
8/8/98 10:37 PM	143	52	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/8/98 11:25 PM	245	33	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/9/98 12:16 AM	474	15	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/9/98 4:56 AM	324	34	PUBLIC - VEHICLES	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
8/9/98 7:51 AM	74	15	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/9/98 11:32 AM	658	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/9/98 4:15 PM	45	44	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	FUSE/CUTOUT	TREE REMOVED	NO ACTION NEEDED	NO
8/9/98 8:51 PM	269	81	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/10/98 12:53 AM	147	51	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/10/98 3:56 AM	457	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/10/98 5:44 AM	346	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/10/98 7:05 AM	70	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/10/98 7:58 AM	92	385	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/10/98 8:50 AM	5	15	CUSTOMER - REQUEST	OVERHEAD TRANSFORMER	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
8/10/98 11:52 AM	353	21	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/10/98 1:43 PM	356	11	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/10/98 7:10 PM	470	78	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/10/98 7:21 PM	189	16	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/11/98 1:07 AM	293	51	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/11/98 5:28 AM	127	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/11/98 7:25 AM	125	93	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/11/98 10:49 AM	101	22	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/11/98 12:04 PM	34	65	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/11/98 12:28 PM	52	24	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/11/98 12:28 PM	52	24	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/11/98 3:33 PM	212	19	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
8/11/98 5:50 PM	10	66	CUSTOMER - REQUEST	LINE RECLOSER	CLOSED LINE RECLOSER	NO ACTION NEEDED	NO
8/11/98 8:46 PM	509	23	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/12/98 8:10 AM	130	66	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/12/98 6:06 PM	129	24	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/13/98 6:59 AM	236	26	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/13/98 10:16 AM	54	90	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/13/98 4:22 PM	113	305	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/14/98 2:43 AM	187	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/14/98 6:34 AM	45	27	PUBLIC - FOREIGN OBJECT	SECTIONALIZER	OTHER	NO ACTION NEEDED	NO
8/14/98 3:05 PM	295	18	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
8/14/98 3:34 PM	56	11	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
8/14/98 9:51 PM	69	21	TREE CONTACT - SECONDARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/15/98 5:25 AM	245	12	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/15/98 6:06 AM	59	13	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/15/98 12:51 PM	159	37	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/15/98 1:05 PM	91	10	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/16/98 12:43 AM	257	58	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/16/98 3:44 AM	106	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/16/98 4:43 AM	92	11	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/16/98 9:31 AM	359	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/17/98 6:15 AM	100	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/17/98 9:16 AM	104	31	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/17/98 11:04 AM	128	208	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/17/98 1:38 PM	67	161	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/17/98 4:42 PM	47	41	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/17/98 4:54 PM	91	15	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/17/98 5:12 PM	43	46	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/17/98 5:13 PM	207	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
8/18/98 5:20 AM	340	17	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
8/18/98 7:16 AM	134	13	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/18/98 7:20 AM	70	15	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/18/98 8:05 AM	45	34	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/18/98 8:26 AM	15	1258	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/18/98 8:47 AM	18	14	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/18/98 9:44 AM	256	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/18/98 12:07 PM	86	99	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/18/98 3:12 PM	88	17	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/18/98 9:59 PM	144	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/19/98 6:13 AM	197	16	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/19/98 9:02 AM	68	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/19/98 10:34 AM	111	41	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/19/98 11:31 AM	64	407	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/19/98 2:47 PM	163	42	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/19/98 4:33 PM	60	95	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/19/98 10:09 PM	127	30	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/20/98 2:17 AM	158	150	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/20/98 11:45 AM	60	12	UNDERGROUND EQUIPMENT - UG FAILURE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/20/98 12:17 PM	283	16	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/20/98 8:00 PM	105	16	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/20/98 8:27 PM	273	261	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/20/98 8:36 PM	159	44	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/20/98 8:36 PM	214	13	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/20/98 8:45 PM	175	63	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/20/98 8:54 PM	66	12	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/20/98 9:02 PM	45	1493	WEATHER - LIGHTNING	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/20/98 9:02 PM	65	2806	WEATHER - LIGHTNING	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/20/98 9:03 PM	87	159	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/20/98 9:20 PM	190	11	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/20/98 10:27 PM	94	29	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/20/98 11:30 PM	210	22	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/20/98 11:50 PM	55	55	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/21/98 6:16 AM	409	18	PUBLIC - ACCIDENT BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
8/21/98 6:54 AM	256	30	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/21/98 9:47 AM	117	212	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/21/98 9:52 AM	68	25	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/21/98 9:56 AM	109	99	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
8/21/98 2:08 PM	97	10	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/21/98 3:47 PM	118	72	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/21/98 4:43 PM	162	29	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/21/98 4:58 PM	177	465	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/21/98 6:12 PM	217	244	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
8/21/98 6:59 PM	646	54	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/21/98 7:51 PM	89	5788	UNKNOWN	INSULATOR	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/21/98 8:09 PM	291	5243	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/21/98 10:17 PM	253	167	UNKNOWN	ARRESTER	OTHER	FIELD INSPECTION	NO
8/21/98 10:24 PM	156	19	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/22/98 5:06 AM	294	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/22/98 6:27 AM	123	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/22/98 8:18 AM	52	36	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/22/98 9:58 AM	77	11	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/22/98 2:20 PM	110	11	WEATHER - LIGHTNING	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
8/22/98 4:15 PM	155	26	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/22/98 4:18 PM	217	17	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
8/22/98 4:39 PM	126	30	UNKNOWN	ARRESTER	OTHER	FIELD INSPECTION	NO
8/22/98 4:40 PM	90	25	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/22/98 8:46 PM	199	12	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/23/98 3:13 AM	177	43	PUBLIC - VEHICLES	CROSS/ALLEY ARM	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/23/98 7:09 AM	86	44	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/23/98 8:34 AM	166	64	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/23/98 10:07 AM	83	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/23/98 10:08 AM	397	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/23/98 10:16 AM	94	17	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/23/98 10:50 AM	90	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/23/98 11:27 AM	21	43	PUBLIC - VEHICLES	CROSS/ALLEY ARM	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
8/23/98 11:58 AM	317	65	UNKNOWN	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/23/98 1:53 PM	124	15	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/23/98 2:21 PM	219	11	TREE CONTACT - PRIMARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/23/98 2:22 PM	128	1654	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/23/98 3:55 PM	35	142	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/23/98 5:16 PM	234	281	UNKNOWN	UNDERGROUND TRANSFORMER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/23/98 7:35 PM	435	27	UNKNOWN	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/23/98 8:41 PM	439	16	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/23/98 9:07 PM	343	37	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/23/98 9:23 PM	825	11	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	OVERHEAD TRANSFORMER	CHANGED SIZE	NO ACTION NEEDED	NO
8/23/98 10:15 PM	360	108	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/24/98 12:31 PM	270	1516	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 12:32 PM	328	30	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
8/24/98 12:35 PM	225	13	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 12:35 PM	2605	24	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 12:36 PM	1794	101	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 12:41 PM	2224	15	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 12:42 PM	1698	74	WEATHER - WIND	POLE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 12:43 PM	457	32	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 12:45 PM	225	51	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 12:45 PM	255	13	WEATHER - WIND	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
8/24/98 12:46 PM	538	3356	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/24/98 12:46 PM	1694	82	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 12:47 PM	1597	71	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
8/24/98 12:49 PM	431	27	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 12:50 PM	100	88	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 12:50 PM	1870	15	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 12:51 PM	1839	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 12:53 PM	1612	55	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 12:54 PM	426	70	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 12:56 PM	88	798	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 12:57 PM	283	15	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/24/98 12:58 PM	452	22	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:00 PM	1373	22	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:01 PM	32	1552	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
8/24/98 1:01 PM	65	725	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/24/98 1:01 PM	119	14	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED OTHER	FIELD INSPECTION	NO
8/24/98 1:01 PM	194	26	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:01 PM	209	81	WEATHER - LIGHTNING	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 1:03 PM	1204	106	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:05 PM	355	96	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 1:05 PM	385	53	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:06 PM	121	560	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:06 PM	2739	37	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:07 PM	1673	83	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 1:09 PM	291	44	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:09 PM	531	129	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:10 PM	290	32	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:10 PM	1670	10	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:11 PM	119	13	UNKNOWN	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 1:13 PM	120	103	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
8/24/98 1:13 PM	1007	60	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 1:17 PM	213	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 1:18 PM	282	110	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 1:20 PM	300	126	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/24/98 1:21 PM	159	10	OTHER	NEUTRAL WIRE	OTHER	FIELD INSPECTION	NO
8/24/98 1:21 PM	369	17	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:23 PM	427	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:23 PM	457	17	OTHER	CONNECTOR/SLEEVE	OTHER	FIELD INSPECTION	NO
8/24/98 1:24 PM	60	38	WEATHER - LIGHTNING	PHASE WIRE	OTHER	FIELD INSPECTION	NO
8/24/98 1:25 PM	165	25	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
8/24/98 1:25 PM	1025	30	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:26 PM	334	12	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	NO
8/24/98 1:26 PM	1234	274	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	YES
8/24/98 1:27 PM	1258	32	TREE LIMB BROKEN - PRIMARY	LINE RECLOSER	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:28 PM	142	40	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
8/24/98 1:29 PM	301	336	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 1:31 PM	176	1484	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 1:31 PM	264	425	TREE LIMB BROKEN - PRIMARY	STATIC WIRE	TREE REMOVED	TREE TRIMMING	NO
8/24/98 1:31 PM	1004	12	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:32 PM	208	115	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 1:32 PM	2623	19	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:33 PM	249	33	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 1:34 PM	121	795	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
8/24/98 1:34 PM	146	17	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:34 PM	196	62	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 1:34 PM	311	65	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
8/24/98 1:35 PM	355	41	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:36 PM	64	13	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 1:36 PM	269	106	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/24/98 1:37 PM	2213	35	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/24/98 1:38 PM	112	183	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:39 PM	321	14	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	NO
8/24/98 1:39 PM	1461	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:40 PM	260	18	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 1:41 PM	629	22	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:42 PM	98	160	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:43 PM	94	223	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
8/24/98 1:43 PM	367	11	TREE CONTACT - SECONDARY	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:44 PM	119	3362	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:44 PM	516	473	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:44 PM	956	74	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 1:45 PM	129	2517	WEATHER - WIND	POLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/24/98 1:46 PM	339	34	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 1:47 PM	168	60	TREE LIMB BROKEN - PRIMARY	STATIC WIRE	TREE REMOVED	TREE TRIMMING	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
8/24/98 1:47 PM	283	44	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
8/24/98 1:49 PM	1631	43	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 1:51 PM	2409	10	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
8/24/98 1:52 PM	398	69	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/24/98 1:53 PM	28	1023	WEATHER - LIGHTNING	SECTIONALIZER	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/24/98 1:55 PM	105	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:56 PM	409	200	WEATHER - LIGHTNING	LINE RECLOSER	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 1:57 PM	1053	32	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 1:57 PM	1503	14	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
8/24/98 1:57 PM	1863	23	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 1:58 PM	1862	15	TREE CONTACT - SECONDARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 2:00 PM	210	53	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 2:00 PM	1590	11	OVERHEAD EQUIPMENT - MALFUNCTION	TAP WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	YES
8/24/98 2:03 PM	192	49	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 2:05 PM	175	14	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 2:09 PM	291	80	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 2:11 PM	1189	33	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 2:13 PM	177	44	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 2:14 PM	291	15	OVERHEAD EQUIPMENT - BROKEN FUSE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 2:15 PM	182	10	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 2:18 PM	1902	74	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 2:19 PM	67	1650	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 2:22 PM	333	24	TREE CONTACT - PRIMARY	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 2:26 PM	528	30	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 2:33 PM	867	20	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 2:35 PM	80	52	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 2:35 PM	445	23	TREE LIMB BROKEN - PRIMARY	TAP WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 2:42 PM	176	574	WEATHER - LIGHTNING	PHASE WIRE	CLOSED CIRCUIT SWITCHER	FIELD INSPECTION	NO
8/24/98 2:54 PM	296	92	WEATHER - WIND	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 2:54 PM	696	23	WEATHER - WIND	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
8/24/98 3:02 PM	58	62	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 3:02 PM	1648	196	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 3:28 PM	1712	12	WEATHER - WIND	PHASE WIRE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
8/24/98 3:33 PM	567	67	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 3:39 PM	117	5556	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/24/98 3:45 PM	1455	96	OTHER	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	YES
8/24/98 3:46 PM	1724	77	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 3:48 PM	252	21	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 3:50 PM	95	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 4:05 PM	2065	143	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	3:1 TRANSFORMER	OTHER	NO ACTION NEEDED	NO
8/24/98 4:12 PM	1898	16	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 4:13 PM	472	28	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
8/24/98 4:16 PM	404	45	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 4:21 PM	1059	20	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 4:23 PM	1797	10	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 4:28 PM	152	44	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 4:29 PM	191	20	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 4:36 PM	129	20	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 4:39 PM	141	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 4:39 PM	141	47	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 4:40 PM	65	181	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 4:48 PM	132	65	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/24/98 4:57 PM	1563	18	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 5:18 PM	1422	11	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	YES
8/24/98 5:24 PM	161	194	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
8/24/98 5:29 PM	151	25	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 5:46 PM	1874	21	OTHER	OTHER	OTHER	FIELD INSPECTION	YES
8/24/98 5:53 PM	1552	50	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
8/24/98 5:59 PM	186	263	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 6:21 PM	39	12	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
8/24/98 6:45 PM	1530	20	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 6:49 PM	1856	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 6:59 PM	1170	22	WEATHER - LIGHTNING	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/24/98 7:00 PM	1320	11	TREE LIMB BROKEN - SECONDARY	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/24/98 7:11 PM	99	44	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 7:14 PM	1246	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 7:19 PM	1421	91	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 7:32 PM	123	70	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/24/98 7:57 PM	723	116	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	YES
8/24/98 8:13 PM	1757	12	UNKNOWN	PHASE WIRE	OTHER	FIELD INSPECTION	YES
8/24/98 8:45 PM	1657	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 8:53 PM	1507	13	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 8:54 PM	1641	75	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 9:05 PM	549	12	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 9:43 PM	1157	20	WEATHER - WIND	CROSS/ALLEY ARM	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 10:08 PM	772	13	WEATHER - LIGHTNING	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 10:14 PM	11	667	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/24/98 10:23 PM	367	103	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/24/98 10:24 PM	996	24	TREE CONTACT - SECONDARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 11:37 PM	173	69	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/24/98 11:47 PM	433	43	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/25/98 12:03 AM	1459	71	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 12:19 AM	1443	11	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 12:21 AM	569	75	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 12:25 AM	36	1214	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/25/98 12:25 AM	46	1214	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/25/98 12:25 AM	350	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 12:26 AM	1494	13	OTHER	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	YES
8/25/98 12:27 AM	838	12	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
8/25/98 12:31 AM	509	16	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 12:37 AM	625	20	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 12:44 AM	266	26	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
8/25/98 12:48 AM	316	34	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 12:55 AM	1418	12	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 12:58 AM	216	1756	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/25/98 1:08 AM	154	12	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 1:10 AM	645	26	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/25/98 1:11 AM	319	83	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/25/98 1:37 AM	453	64	WEATHER - LIGHTNING	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/25/98 2:01 AM	1019	33	WEATHER - LIGHTNING	UNDERGROUND TRANSFORMER	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/25/98 2:29 AM	112	1355	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/25/98 3:58 AM	662	31	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/25/98 4:50 AM	70	1039	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/25/98 4:50 AM	70	1258	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/25/98 5:39 AM	831	11	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 5:56 AM	234	41	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 6:10 AM	470	38	WEATHER - LIGHTNING	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/25/98 6:20 AM	1270	27	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 6:27 AM	523	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/25/98 6:48 AM	2082	13	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/25/98 7:40 AM	560	44	OTHER	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
8/25/98 8:11 AM	229	53	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 8:15 AM	261	2134	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
8/25/98 8:25 AM	455	20	TREE CONTACT - SECONDARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/25/98 8:31 AM	689	71	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/25/98 8:54 AM	681	87	WEATHER - WIND	PHASE WIRE	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
8/25/98 9:16 AM	464	13	OTHER	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
8/25/98 9:22 AM	107	23	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
8/25/98 9:25 AM	10	13	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 9:51 AM	729	63	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 10:01 AM	194	10	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 10:15 AM	21	702	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/25/98 10:42 AM	483	29	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 10:45 AM	111	2091	OVERHEAD EQUIPMENT - MALFUNCTION	OTHER EQUIPMENT	CLOSED SUBSTATION RECLOSER	FIELD INSPECTION	NO
8/25/98 10:57 AM	343	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/25/98 11:31 AM	254	39	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 11:31 AM	389	17	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 11:37 AM	35	1017	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
8/25/98 11:40 AM	220	131	TREE LIMB BROKEN - PRIMARY	TAP WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/25/98 12:02 PM	133	116	UNKNOWN	OTHER EQUIPMENT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 12:08 PM	262	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/25/98 12:19 PM	126	33	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 1:08 PM	1792	20	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/25/98 1:18 PM	402	93	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/25/98 1:51 PM	189	32	OTHER	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
8/25/98 3:35 PM	475	22	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/25/98 3:48 PM	1272	19	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	YES
8/25/98 3:49 PM	191	19	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 4:13 PM	197	14	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/25/98 4:21 PM	339	34	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/25/98 4:30 PM	380	31	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 4:37 PM	183	547	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/25/98 5:18 PM	12	77	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
8/25/98 6:02 PM	1558	12	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	YES
8/25/98 6:43 PM	77	22	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/25/98 7:37 PM	1463	13	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 8:49 PM	72	71	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/25/98 9:08 PM	442	23	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/25/98 9:18 PM	1252	14	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/26/98 12:55 AM	410	42	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/26/98 5:37 AM	143	19	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
8/26/98 6:50 AM	850	29	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/26/98 7:45 AM	495	72	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/26/98 9:38 AM	487	20	WEATHER - WIND	FUSE/CUTOUT	TREE REMOVED	FIELD INSPECTION	NO
8/26/98 9:54 AM	551	19	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/26/98 9:58 AM	287	11	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
8/26/98 10:46 AM	229	54	WEATHER - WIND	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/26/98 11:42 AM	558	30	WEATHER - WIND	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/26/98 11:49 AM	56	58	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE JOINT/SPLICE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/26/98 12:42 PM	98	42	PUBLIC - DIG-IN BY OTHERS	CABLE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
8/26/98 2:13 PM	142	13	UNKNOWN	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/26/98 3:43 PM	197	11	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/26/98 7:41 PM	59	12	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/26/98 8:21 PM	64	121	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/26/98 9:09 PM	231	10	WEATHER - LIGHTNING	METER ENTRANCE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/27/98 1:09 AM	276	211	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/27/98 1:29 AM	121	85	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/27/98 2:00 AM	270	76	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
8/27/98 8:53 AM	57	13	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/27/98 9:23 AM	297	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/27/98 10:23 AM	307	11	TREE CONTACT - SECONDARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/27/98 10:48 AM	49	552	UNKNOWN	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/27/98 10:54 AM	276	19	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/27/98 12:20 PM	150	36	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/27/98 1:06 PM	154	662	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/27/98 3:52 PM	208	23	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/27/98 4:03 PM	252	10	WEATHER - WIND	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
8/27/98 4:27 PM	298	10	WEATHER - WIND	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
8/28/98 2:52 AM	249	184	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/28/98 3:11 AM	149	10	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/28/98 3:13 AM	97	51	WEATHER - LIGHTNING	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
8/28/98 5:01 AM	59	178	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/28/98 7:02 AM	134	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/28/98 8:05 AM	20	68	INTENTIONAL - EMERGENCY REPAIRS	LINE RECLOSER	TREE REMOVED	FIELD INSPECTION	NO
8/28/98 9:11 AM	79	58	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/28/98 10:29 AM	106	20	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/28/98 11:58 AM	107	14	OTHER	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/28/98 12:09 PM	81	285	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
8/28/98 1:51 PM	109	34	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/28/98 6:06 PM	144	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
8/28/98 6:10 PM	215	38	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
8/28/98 10:54 PM	176	10	TREE LIMB BROKEN - PRIMARY	NEUTRAL WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
8/29/98 9:21 AM	84	17	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
8/29/98 9:32 AM	138	82	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/29/98 2:34 PM	156	675	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/29/98 8:33 PM	197	24	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
8/29/98 11:33 PM	382	10	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/30/98 8:06 AM	144	50	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/30/98 11:03 AM	82	42	TREE CONTACT - SECONDARY	PHASE WIRE	OTHER	TREE TRIMMING	NO
8/30/98 11:43 AM	332	11	UNKNOWN	OTHER EQUIPMENT	REPLACED TRANSFORMER	FIELD INSPECTION	NO
8/30/98 4:54 PM	36	34	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
8/30/98 5:13 PM	647	14	WEATHER - WIND	POLE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/30/98 5:42 PM	48	34	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
8/30/98 7:29 PM	366	75	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/30/98 10:26 PM	274	77	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/31/98 4:10 AM	450	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/31/98 4:31 AM	424	95	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
8/31/98 12:08 PM	367	10	UNKNOWN	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
8/31/98 1:36 PM	170	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
8/31/98 9:39 PM	216	87	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
8/31/98 11:50 PM	265	20	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/1/98 5:12 AM	78	10	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/1/98 8:36 AM	99	37	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
9/1/98 8:45 AM	90	105	WILDLIFE	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
9/1/98 9:37 AM	68	14	WILDLIFE	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
9/1/98 9:45 AM	175	75	COMED/CONTRACTOR - DIG-IN BY COMED	CABLE	REPAIRED UNDERGROUND MATERIAL	TRAINING	NO
9/1/98 9:49 AM	1	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	OTHER	FIELD INSPECTION	NO
9/1/98 3:00 PM	40	118	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
9/1/98 3:08 PM	122	85	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/1/98 5:20 PM	90	44	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
9/1/98 9:11 PM	44	21	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/2/98 12:07 AM	266	63	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/2/98 10:57 AM	83	11	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/2/98 11:48 AM	232	336	UNKNOWN	OTHER EQUIPMENT	REPAIRED CIRCUIT SWITCHER	FIELD INSPECTION	NO
9/2/98 1:13 PM	257	128	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/2/98 5:21 PM	209	62	UNKNOWN	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
9/3/98 1:57 PM	333	111	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
9/3/98 3:19 PM	31	47	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
9/3/98 3:40 PM	100	32	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/3/98 4:58 PM	52	10	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/4/98 12:30 AM	360	76	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/4/98 1:08 AM	357	56	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/4/98 3:03 AM	507	69	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/4/98 9:26 AM	31	3713	UNKNOWN	OTHER TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
9/4/98 9:35 AM	22	9631	UNKNOWN	CAPACITOR	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/4/98 10:03 AM	582	29	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/4/98 10:32 AM	58	177	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
9/4/98 10:45 AM	185	17	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/4/98 10:45 AM	545	30	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/4/98 11:14 AM	121	27	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/4/98 1:49 PM	241	218	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/4/98 1:55 PM	110	14	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/4/98 11:28 PM	302	51	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/5/98 5:21 AM	159	109	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/5/98 7:33 AM	147	37	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/5/98 8:05 AM	275	12	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/5/98 12:46 PM	74	31	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/5/98 2:42 PM	138	100	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/5/98 3:33 PM	192	30	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/5/98 4:53 PM	627	49	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/6/98 4:33 AM	177	50	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/6/98 4:57 AM	213	32	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/6/98 6:28 AM	192	16	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/6/98 7:29 AM	17	872	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
9/6/98 8:39 AM	276	14	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
9/6/98 8:51 AM	264	42	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/6/98 9:20 AM	100	25	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/6/98 11:48 AM	10	3713	WEATHER - LIGHTNING	SWITCH/DISCONNECT/LTD	CLOSED SWITCH/DISCONNECT/LT	FIELD INSPECTION	NO
9/6/98 1:18 PM	372	1411	UNKNOWN	SWITCH/DISCONNECT/LTD	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/6/98 2:17 PM	373	81	OTHER	SWITCH/DISCONNECT/LTD	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/6/98 4:00 PM	540	171	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/6/98 7:29 PM	17	117	UNKNOWN	OTHER EQUIPMENT	CLOSED SWITCH/DISCONNECT/LT	FIELD INSPECTION	NO
9/6/98 8:19 PM	201	14	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
9/6/98 8:29 PM	271	18	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/6/98 8:44 PM	361	87	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
9/6/98 8:51 PM	74	25	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/6/98 9:12 PM	348	12	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/6/98 9:18 PM	282	195	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/6/98 9:54 PM	621	10	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/6/98 10:26 PM	204	37	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
9/6/98 11:10 PM	110	418	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/6/98 11:39 PM	742	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	YES
9/6/98 11:42 PM	543	116	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/6/98 11:43 PM	347	19	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/6/98 11:48 PM	882	22	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/6/98 11:54 PM	4	3558	WEATHER - LIGHTNING	PHASE WIRE	OTHER	FIELD INSPECTION	NO
9/7/98 12:17 AM	148	27	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 12:25 AM	875	48	WEATHER - WIND	POLE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
9/7/98 12:26 AM	424	47	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/7/98 12:28 AM	152	10	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 12:28 AM	242	86	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 12:29 AM	166	56	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 12:34 AM	476	18	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
9/7/98 12:50 AM	380	18	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 12:54 AM	556	33	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/7/98 12:56 AM	2	1540	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
9/7/98 12:57 AM	3	3558	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
9/7/98 1:10 AM	61	563	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
9/7/98 1:14 AM	166	10	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 1:21 AM	309	15	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 1:21 AM	404	27	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 1:27 AM	350	453	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/7/98 1:29 AM	201	14	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 1:35 AM	115	508	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
9/7/98 1:35 AM	705	10	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 1:37 AM	336	4802	UNKNOWN	SUBSTATION BREAKER	TEMPORARY SWITCHING	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
9/7/98 1:37 AM	573	133	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/7/98 1:38 AM	52	13	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/7/98 1:39 AM	161	33	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/7/98 1:42 AM	388	80	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 1:45 AM	556	65	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 1:56 AM	684	29	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/7/98 2:06 AM	314	50	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 2:09 AM	471	289	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 2:12 AM	258	24	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 2:21 AM	111	953	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 2:45 AM	60	15	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 3:20 AM	440	13	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 4:01 AM	349	415	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/7/98 4:15 AM	85	12	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 5:09 AM	141	18	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 5:16 AM	404	48	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 5:28 AM	307	15	WEATHER - LIGHTNING	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 5:54 AM	96	16	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 7:21 AM	129	15	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/7/98 7:53 AM	457	11	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
9/7/98 8:00 AM	145	96	WEATHER - LIGHTNING	CABLE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 8:19 AM	116	31	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 8:39 AM	876	51	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	YES
9/7/98 8:55 AM	405	15	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 9:53 AM	187	19	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
9/7/98 10:30 AM	150	14	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/7/98 1:10 PM	40	24	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
9/7/98 1:13 PM	317	82	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
9/7/98 4:31 PM	739	15	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	YES
9/7/98 8:33 PM	417	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/7/98 8:55 PM	60	24	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/8/98 2:54 AM	116	1307	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/8/98 3:01 AM	524	31	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/8/98 5:19 AM	251	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/8/98 10:11 AM	50	84	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
9/8/98 10:44 AM	81	47	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/8/98 11:25 AM	101	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
9/8/98 1:59 PM	116	19	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/9/98 3:28 AM	512	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/9/98 3:36 AM	99	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/9/98 8:31 AM	89	26	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
9/9/98 8:46 AM	209	24	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/9/98 10:03 AM	270	11	OVERHEAD EQUIPMENT - MALFUNCTION	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
9/9/98 11:09 AM	186	26	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
9/9/98 1:13 PM	62	27	COMED/CONTRACTOR - ACCIDENT BY CONTRACTOR	PHASE WIRE	CLOSED FUSE OR CUTOUT	TRAINING	NO
9/9/98 2:33 PM	77	44	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/9/98 4:38 PM	402	47	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
9/9/98 6:50 PM	10	92	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/9/98 9:26 PM	64	14	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/9/98 9:58 PM	123	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/10/98 5:17 AM	88	252	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE JOINT/SPLICE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/10/98 8:10 AM	400	150	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
9/10/98 8:36 AM	174	15	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
9/10/98 9:38 AM	127	27	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
9/10/98 9:52 AM	48	20	WILDLIFE	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
9/10/98 1:12 PM	123	37	COMED/CONTRACTOR - DIG-IN BY COMED	CABLE	REPAIRED UNDERGROUND MATERIAL	TRAINING	NO
9/10/98 1:40 PM	110	49	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
9/10/98 6:27 PM	78	166	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/11/98 7:53 AM	297	33	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
9/11/98 11:57 AM	243	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
9/11/98 2:08 PM	67	13	PUBLIC - ACCIDENT BY OTHERS	POLE	OTHER	NO ACTION NEEDED	NO
9/11/98 3:03 PM	57	60	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/11/98 5:18 PM	157	33	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/11/98 8:44 PM	75	61	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
9/11/98 10:01 PM	544	80	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/12/98 11:45 AM	65	24	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/12/98 4:56 PM	149	147	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/12/98 6:53 PM	487	13	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
9/12/98 9:19 PM	716	19	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
9/13/98 1:32 AM	688	21	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/13/98 6:53 AM	172	17	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/13/98 11:46 AM	179	30	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/14/98 12:04 AM	416	39	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/14/98 3:26 AM	334	10	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/14/98 3:50 AM	130	48	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/14/98 3:59 AM	111	12	TREE CONTACT - PRIMARY	TAP WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
9/14/98 4:33 AM	177	16	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/14/98 5:11 AM	99	108	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/14/98 6:04 AM	176	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
9/14/98 6:26 AM	79	49	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/14/98 7:38 AM	52	47	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/14/98 9:52 AM	68	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
9/14/98 11:07 AM	103	20	WILDLIFE	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
9/14/98 11:15 AM	130	11	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
9/14/98 12:21 PM	84	132	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/14/98 4:12 PM	203	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/14/98 4:13 PM	97	56	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/14/98 5:01 PM	209	95	UNKNOWN	CROSS/ALLEY ARM	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/14/98 5:12 PM	343	10	UNKNOWN	CABLE JOINT/SPLICE	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/14/98 5:54 PM	296	16	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/14/98 6:00 PM	270	69	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/14/98 6:15 PM	140	88	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/14/98 8:07 PM	203	11	WEATHER - LIGHTNING	CROSS/ALLEY ARM	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
9/14/98 8:19 PM	156	1738	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/14/98 8:28 PM	417	34	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/14/98 8:47 PM	258	16	TREE CONTACT - PRIMARY	TAP WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/14/98 10:03 PM	82	40	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/14/98 10:51 PM	374	101	WEATHER - LIGHTNING	CROSS/ALLEY ARM	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/14/98 11:53 PM	182	11	UNKNOWN	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/15/98 12:09 AM	261	63	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/15/98 12:29 AM	81	2306	WEATHER - LIGHTNING	POLE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/15/98 2:55 AM	20	15	INTENTIONAL - EMERGENCY REPAIRS	PHASE WIRE	OTHER	FIELD INSPECTION	NO
9/15/98 2:58 AM	134	1358	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/15/98 4:07 AM	203	55	OVERHEAD EQUIPMENT - MALFUNCTION	CROSS/ALLEY ARM	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/15/98 5:57 AM	143	1190	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/15/98 6:13 AM	92	145	OTHER	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/15/98 6:24 AM	106	160	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/15/98 7:56 AM	90	128	WEATHER - FLOODING/RAIN	INSULATOR	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/15/98 8:48 AM	182	16	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
9/15/98 10:17 AM	23	1485	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/15/98 10:19 AM	49	1248	INTENTIONAL - EMERGENCY REPAIRS	SUBSTATION BREAKER	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
9/15/98 11:52 AM	138	19	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
9/15/98 12:16 PM	339	14	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
9/15/98 1:41 PM	319	12	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/15/98 4:47 PM	68	142	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/15/98 10:04 PM	476	49	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/15/98 10:11 PM	174	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/16/98 1:40 PM	170	18	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
9/16/98 3:27 PM	93	13	PUBLIC - ACCIDENT BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
9/16/98 6:13 PM	142	164	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/16/98 7:51 PM	189	145	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/16/98 11:22 PM	123	92	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/17/98 3:13 AM	297	16	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
9/17/98 9:44 AM	67	160	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
9/17/98 10:02 AM	98	724	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/17/98 11:47 AM	72	18	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
9/17/98 12:52 PM	98	307	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/17/98 2:06 PM	233	238	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/17/98 2:50 PM	130	95	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
9/17/98 4:50 PM	65	55	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/18/98 1:29 AM	271	39	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/18/98 1:40 AM	185	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/18/98 6:42 AM	138	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/18/98 7:01 AM	449	13	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/18/98 8:18 PM	182	21	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/19/98 7:51 PM	529	33	OTHER	3:1 TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
9/19/98 8:04 PM	116	13	PUBLIC - ACCIDENT BY OTHERS	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
9/19/98 10:12 PM	1458	12	UNDERGROUND EQUIPMENT - UG FAILURE	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	YES
9/20/98 12:15 AM	105	27	OTHER	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/20/98 1:13 PM	31	672	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
9/21/98 7:33 AM	62	10	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/21/98 8:24 AM	126	12	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/21/98 9:21 AM	249	23	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
9/21/98 10:10 AM	140	30	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/21/98 10:37 AM	43	19	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/21/98 11:09 AM	121	180	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/21/98 11:49 AM	61	988	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
9/21/98 3:11 PM	59	71	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/21/98 6:23 PM	52	12	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/21/98 8:03 PM	232	26	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
9/21/98 9:49 PM	386	81	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/22/98 1:04 AM	307	25	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/22/98 7:14 AM	256	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/22/98 7:15 AM	100	12	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/22/98 8:47 AM	193	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/22/98 9:51 AM	399	102	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/22/98 10:04 AM	281	41	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
9/22/98 11:00 AM	85	18	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
9/22/98 4:15 PM	135	14	PUBLIC - FIRE	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
9/23/98 12:08 AM	97	246	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/23/98 6:46 AM	84	14	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
9/23/98 9:09 AM	21	20	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/23/98 9:11 AM	34	15	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	OVERHEAD TRANSFORMER	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
9/23/98 10:58 AM	92	10	PUBLIC - ACCIDENT BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
9/23/98 11:02 AM	63	11	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/23/98 11:34 AM	20	148	COMED/CONTRACTOR - SWITCHING ERROR	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	TRAINING	NO
9/23/98 3:28 PM	62	10	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/23/98 9:11 PM	89	18	UNKNOWN	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/24/98 2:16 AM	164	30	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/24/98 4:01 AM	149	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/24/98 5:23 AM	147	33	PUBLIC - ACCIDENT BY OTHERS	GUY WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
9/24/98 5:24 AM	396	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/24/98 5:44 AM	306	29	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/24/98 5:57 AM	113	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/24/98 6:54 AM	456	15	PUBLIC - ACCIDENT BY OTHERS	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
9/24/98 10:29 AM	76	247	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/24/98 1:44 PM	21	1152	TRANSMISSION AND SUBSTATION	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
EQUIPMENT - SUBSTATION EQUIPMENT							
9/24/98 4:34 PM	46	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/25/98 6:47 AM	148	10	UNDERGROUND EQUIPMENT - MALFUNCTION	TERMINATION	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/25/98 8:36 AM	115	13	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/25/98 11:21 AM	149	18	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/25/98 2:36 PM	124	21	COMED/CONTRACTOR - DIG-IN BY CONTRACTOR	CABLE	TEMPORARY SWITCHING	TRAINING	NO
9/25/98 2:55 PM	70	46	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
9/25/98 6:33 PM	117	76	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/25/98 7:20 PM	360	121	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/25/98 8:16 PM	164	81	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/25/98 8:18 PM	342	244	UNKNOWN	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
9/25/98 10:46 PM	134	55	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/26/98 10:19 AM	76	30	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/26/98 11:16 AM	19	25	COMED/CONTRACTOR - DIG-IN BY COMED	CABLE	CLOSED FUSE OR CUTOUT	TRAINING	NO
9/26/98 1:15 PM	44	15	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/26/98 1:21 PM	69	87	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/26/98 2:44 PM	96	417	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/26/98 2:53 PM	87	15	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/26/98 3:04 PM	108	953	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
9/26/98 3:05 PM	135	66	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/26/98 3:49 PM	101	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/26/98 4:17 PM	106	1328	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
9/26/98 5:33 PM	42	147	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/26/98 5:37 PM	563	179	OTHER	3:1 TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
9/26/98 6:46 PM	104	39	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
9/26/98 8:42 PM	218	11	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/26/98 9:36 PM	234	25	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/27/98 5:51 AM	219	29	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
9/27/98 8:20 AM	415	58	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/27/98 9:49 AM	181	40	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/27/98 11:24 AM	167	11	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/27/98 12:59 PM	91	90	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
9/27/98 1:16 PM	167	16	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/27/98 1:36 PM	219	23	UNKNOWN	TAP WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/27/98 1:58 PM	152	385	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/27/98 3:55 PM	125	20	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/27/98 5:16 PM	104	29	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
9/27/98 5:22 PM	157	32	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/27/98 5:33 PM	87	25	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/27/98 6:04 PM	126	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/27/98 9:55 PM	220	27	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/28/98 9:22 AM	158	108	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/28/98 12:06 PM	67	93	PUBLIC - ACCIDENT BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
9/28/98 1:16 PM	34	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
9/28/98 1:34 PM	386	13	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/28/98 6:01 PM	81	17	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
9/29/98 8:51 AM	179	13	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
9/29/98 9:07 AM	158	80	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/29/98 9:12 AM	78	22	WEATHER - LIGHTNING	POLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
9/29/98 10:10 AM	55	15	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
9/29/98 12:17 PM	42	1706	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
9/29/98 12:34 PM	226	10	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
9/29/98 2:18 PM	75	12	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/29/98 8:43 PM	242	29	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/30/98 12:34 AM	236	74	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/30/98 2:15 AM	525	26	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
9/30/98 1:14 PM	76	83	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/30/98 1:16 PM	214	45	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
9/30/98 1:51 PM	49	1649	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/30/98 2:55 PM	135	38	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
9/30/98 3:09 PM	131	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
9/30/98 3:25 PM	95	52	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
9/30/98 9:43 PM	77	95	PUBLIC - ACCIDENT BY OTHERS	UNDERGROUND TRANSFORMER	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/1/98 10:58 AM	47	21	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/1/98 2:33 PM	157	17	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
10/1/98 5:13 PM	77	146	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/1/98 10:25 PM	535	15	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
10/2/98 3:37 AM	448	25	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/2/98 7:37 AM	103	370	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/2/98 8:10 AM	45	12	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/2/98 11:25 AM	515	19	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/2/98 12:44 PM	21	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/2/98 1:18 PM	257	58	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/2/98 1:20 PM	480	10	UNDERGROUND EQUIPMENT - MALFUNCTION	UNDERGROUND TRANSFORMER	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/2/98 2:56 PM	184	14	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
10/2/98 9:29 PM	301	10	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/2/98 10:19 PM	375	14	UNDERGROUND EQUIPMENT - MALFUNCTION	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
10/3/98 2:40 AM	315	11	OTHER	POLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
10/3/98 8:34 AM	656	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/3/98 10:49 AM	176	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/3/98 11:41 AM	79	89	OTHER	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/3/98 12:08 PM	52	142	WILDLIFE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
10/3/98 1:19 PM	294	81	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/3/98 1:54 PM	156	24	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/3/98 3:17 PM	379	30	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/4/98 11:57 AM	93	11	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/4/98 12:18 PM	87	12	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
10/4/98 3:02 PM	273	10	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/4/98 3:23 PM	187	10	TREE CONTACT - SECONDARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
10/4/98 4:02 PM	148	13	TREE CONTACT - PRIMARY	FUSE/CUTOUT	TREE TRIMMED	TREE TRIMMING	NO
10/4/98 4:24 PM	501	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/4/98 4:31 PM	29	95	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/4/98 6:03 PM	1	13	UNKNOWN	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/4/98 6:33 PM	168	4425	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/5/98 2:11 AM	244	36	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/5/98 2:12 AM	253	53	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/5/98 2:29 AM	496	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/5/98 5:02 AM	93	187	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
10/5/98 6:02 AM	88	13	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
10/5/98 6:03 AM	342	132	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/5/98 7:26 AM	79	11	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/5/98 8:09 AM	61	48	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/5/98 10:06 AM	174	31	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/5/98 10:37 AM	43	25	PUBLIC - VEHICLES	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
10/5/98 11:16 AM	59	49	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/5/98 4:07 PM	98	69	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/5/98 4:57 PM	333	10	PUBLIC - ACCIDENT BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
10/5/98 6:05 PM	520	58	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/5/98 6:25 PM	155	11	UNKNOWN	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/5/98 7:14 PM	91	11	WEATHER - LIGHTNING	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/5/98 7:34 PM	56	27	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
10/5/98 7:59 PM	421	10	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
10/5/98 10:39 PM	41	22	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
10/6/98 1:23 AM	132	153	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/6/98 6:17 AM	83	10	WEATHER - FLOODING/RAIN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/6/98 8:44 AM	76	15	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
10/6/98 9:04 AM	164	1094	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/6/98 10:09 AM	286	10	UNKNOWN	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/6/98 10:57 AM	18	12	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/6/98 11:32 AM	96	48	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
10/6/98 1:20 PM	27	38	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/6/98 1:34 PM	44	590	UNKNOWN	SUBSTATION TRANSFORMER	REPAIRED TRANSFORMER	FIELD INSPECTION	NO
10/6/98 2:03 PM	137	30	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	CAPACITOR	TEMPORARY FUSE OR CUTOUT	NO ACTION NEEDED	NO
10/6/98 5:32 PM	228	35	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/6/98 5:48 PM	102	16	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/6/98 6:04 PM	166	80	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/6/98 6:07 PM	73	1744	OTHER	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/6/98 6:43 PM	207	50	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/7/98 9:52 AM	3	20	UNKNOWN	OTHER EQUIPMENT	REPLACED CIRCUIT SWITCHER	FIELD INSPECTION	NO
10/7/98 11:32 AM	88	12	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/7/98 2:32 PM	43	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/7/98 5:42 PM	123	14	PUBLIC - ACCIDENT BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
10/7/98 10:07 PM	63	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
10/8/98 1:52 AM	138	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
10/8/98 10:30 AM	70	24	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/8/98 10:38 AM	27	29	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/8/98 11:55 AM	50	74	TREE CONTACT - PRIMARY	FUSE/CUTOUT	TREE REMOVED	TREE TRIMMING	NO
10/8/98 12:33 PM	92	28	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/8/98 12:35 PM	25	64	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
10/8/98 12:38 PM	127	10	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/8/98 5:44 PM	95	34	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/9/98 11:06 AM	84	11	OVERHEAD EQUIPMENT - CONTAMINATION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/9/98 11:52 AM	98	161	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/9/98 12:48 PM	42	20	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/9/98 1:05 PM	140	13	TREE LIMB BROKEN - SECONDARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/9/98 3:56 PM	64	26	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/9/98 5:38 PM	172	266	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/9/98 11:41 PM	199	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE JOINT/SPLICE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/10/98 8:15 AM	173	40	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/10/98 12:01 PM	54	90	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
10/10/98 12:05 PM	535	25	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/10/98 12:28 PM	137	12	PUBLIC - ACCIDENT BY OTHERS	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	NO ACTION NEEDED	NO
10/11/98 6:11 AM	184	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/11/98 8:37 AM	233	152	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/11/98 11:50 AM	60	19	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/11/98 12:00 PM	30	13	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/12/98 9:32 AM	108	15	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/12/98 10:17 AM	163	17	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/12/98 10:43 AM	62	52	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/12/98 11:59 AM	258	55	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/12/98 1:33 PM	87	31	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/12/98 4:28 PM	172	42	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
10/12/98 11:00 PM	75	11	TREE CONTACT - SECONDARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/13/98 9:38 AM	382	22	UNKNOWN	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
10/13/98 10:15 AM	165	17	OTHER	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/13/98 11:47 AM	83	15	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/13/98 1:24 PM	66	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/13/98 10:42 PM	348	18	PUBLIC - FOREIGN OBJECT	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	NO ACTION NEEDED	NO
10/14/98 11:40 AM	45	73	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
10/14/98 11:56 AM	14	1432	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
10/14/98 11:45 PM	285	72	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	TREE REMOVED	NO ACTION NEEDED	NO
10/15/98 7:50 AM	100	52	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/15/98 9:54 AM	26	16	INTENTIONAL - EMERGENCY REPAIRS	OVERHEAD TRANSFORMER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/15/98 12:16 PM	94	14	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
10/15/98 1:02 PM	133	33	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/15/98 3:53 PM	97	77	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/15/98 10:31 PM	239	10	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/15/98 11:40 PM	460	17	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
10/16/98 3:39 AM	441	80	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/16/98 6:00 AM	105	863	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/16/98 6:34 AM	76	285	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/16/98 10:10 AM	45	74	UNKNOWN	FUSE/CUTOUT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/16/98 11:13 AM	92	17	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/16/98 2:13 PM	107	138	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
10/17/98 4:33 AM	176	2107	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	RECTIFIER	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/17/98 5:10 AM	335	31	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/17/98 5:20 AM	210	39	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/17/98 5:40 AM	215	43	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
10/17/98 6:39 AM	126	12	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/17/98 6:48 AM	97	215	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
10/17/98 7:08 AM	149	163	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/17/98 7:15 AM	25	663	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/17/98 8:06 AM	234	138	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
10/17/98 10:25 AM	22	911	PUBLIC - FIRE	OTHER TRANSFORMER	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/17/98 11:24 AM	506	214	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/17/98 11:35 AM	95	11	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/17/98 12:01 PM	71	574	WEATHER - LIGHTNING	PHASE WIRE	CLOSED SUBSTATION RECLOSER	FIELD INSPECTION	NO
10/17/98 12:29 PM	31	12	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/17/98 12:43 PM	87	12	UNKNOWN	OTHER EQUIPMENT	REPAIRED CIRCUIT SWITCHER	FIELD INSPECTION	NO
10/17/98 1:31 PM	149	104	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	RECTIFIER	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/17/98 2:10 PM	480	51	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
10/17/98 5:54 PM	124	26	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/17/98 6:06 PM	149	57	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
10/17/98 6:31 PM	239	528	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/17/98 7:01 PM	454	15	UNDERGROUND EQUIPMENT - MALFUNCTION	UNDERGROUND TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
10/17/98 8:31 PM	210	65	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/17/98 8:58 PM	54	6180	PUBLIC - ACCIDENT BY OTHERS	STATIC WIRE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/17/98 11:23 PM	209	152	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/18/98 12:30 AM	110	40	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
10/18/98 1:09 AM	47	2661	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
10/18/98 1:27 AM	288	73	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/18/98 3:55 AM	215	85	UNKNOWN	OTHER EQUIPMENT	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/18/98 5:37 AM	248	38	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/18/98 6:21 AM	66	673	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
10/18/98 6:22 AM	65	651	WILDLIFE	SUBSTATION BREAKER	CLOSED SUBSTATION BREAKER	ANIMAL GUARD CHECK	NO
10/18/98 6:22 AM	65	838	WILDLIFE	SUBSTATION BREAKER	CLOSED SUBSTATION BREAKER	ANIMAL GUARD CHECK	NO
10/18/98 6:22 AM	83	887	WILDLIFE	SUBSTATION BREAKER	TEMPORARY SWITCHING	ANIMAL GUARD CHECK	NO
10/18/98 6:23 AM	64	2150	WILDLIFE	SUBSTATION BREAKER	CLOSED SUBSTATION BREAKER	ANIMAL GUARD CHECK	NO
10/18/98 8:41 AM	154	10	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/18/98 10:54 AM	106	138	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/18/98 12:41 PM	89	14	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
10/18/98 3:38 PM	902	30	UNKNOWN	OTHER EQUIPMENT	REPLACED CIRCUIT SWITCHER	FIELD INSPECTION	YES
10/19/98 7:03 AM	82	25	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
10/19/98 9:27 AM	63	81	UNKNOWN	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/19/98 12:51 PM	64	2958	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/19/98 6:51 PM	304	26	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
10/20/98 9:53 AM	122	18	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/20/98 1:26 PM	19	20	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/20/98 3:04 PM	46	38	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
10/20/98 3:14 PM	71	962	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/20/98 3:43 PM	277	15	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
10/20/98 9:23 PM	152	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
10/20/98 10:04 PM	436	28	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/21/98 1:44 AM	286	183	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/21/98 6:40 AM	100	22	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/21/98 6:57 AM	268	11	OTHER	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/21/98 7:57 AM	48	12	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/21/98 8:46 AM	119	168	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/21/98 10:57 AM	228	148	UNKNOWN	OTHER EQUIPMENT	REPLACED TRANSFORMER	FIELD INSPECTION	NO
10/21/98 11:37 AM	68	167	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/21/98 12:55 PM	45	10	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	OTHER TRANSFORMER	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
10/21/98 1:17 PM	103	93	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/21/98 2:50 PM	55	30	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/21/98 4:03 PM	127	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
10/21/98 9:50 PM	35	690	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
10/22/98 5:07 AM	173	22	UNKNOWN	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/22/98 9:03 AM	107	12	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/22/98 10:47 AM	60	5788	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/22/98 11:25 AM	165	47	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/22/98 12:29 PM	46	79	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
10/22/98 5:02 PM	78	17	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/22/98 6:43 PM	77	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
10/23/98 2:52 AM	93	11	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/23/98 4:18 AM	167	52	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/23/98 4:37 AM	203	35	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
10/23/98 8:45 AM	45	11	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/23/98 9:09 AM	201	14	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/23/98 9:10 AM	230	13	UNKNOWN	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/23/98 9:55 AM	51	12	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
10/23/98 11:45 AM	50	26	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	PHASE WIRE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
10/23/98 12:37 PM	123	41	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/23/98 3:56 PM	129	24	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/23/98 10:50 PM	95	11	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/23/98 11:27 PM	153	17	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
10/24/98 6:19 AM	131	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/24/98 9:43 AM	17	14	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/24/98 12:39 PM	16	1265	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/24/98 3:27 PM	98	115	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
10/24/98 6:22 PM	98	18	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/24/98 9:56 PM	164	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/25/98 3:11 AM	199	10	OTHER	POLE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/25/98 7:25 AM	80	18	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/25/98 12:13 PM	102	16	OVERHEAD EQUIPMENT - MALFUNCTION	METER ENTRANCE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
10/25/98 12:48 PM	127	24	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
10/25/98 12:59 PM	66	872	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION RECLOSER	FIELD INSPECTION	NO
10/25/98 2:57 PM	138	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/26/98 6:39 AM	63	16	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/26/98 12:56 PM	199	10	OTHER	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
10/26/98 1:52 PM	23	16	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
10/26/98 5:16 PM	34	27	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
10/26/98 7:28 PM	62	31	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/26/98 9:17 PM	68	42	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
10/27/98 9:51 AM	10	18	OTHER	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
10/27/98 1:17 PM	83	139	OVERHEAD EQUIPMENT - MALFUNCTION	CROSS/ALLEY ARM	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/27/98 2:47 PM	583	17	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
10/27/98 3:21 PM	84	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
10/27/98 9:23 PM	172	34	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
10/28/98 10:04 AM	166	62	WILDLIFE	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	ANIMAL GUARD CHECK	NO
10/28/98 10:21 AM	109	47	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/28/98 5:10 PM	50	145	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/29/98 12:47 AM	313	16	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/29/98 9:08 AM	187	93	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/29/98 3:35 PM	295	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
10/29/98 3:53 PM	167	220	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
10/30/98 1:25 AM	205	179	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/30/98 9:45 AM	75	40	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
10/30/98 10:19 AM	131	45	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/30/98 2:30 PM	177	126	OTHER	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
10/30/98 10:09 PM	218	125	OTHER	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/30/98 10:18 PM	297	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
10/30/98 10:20 PM	103	15	UNKNOWN	CONNECTOR/SLEEVE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
10/31/98 1:04 AM	86	83	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOFF	FIELD INSPECTION	NO
10/31/98 7:22 AM	248	186	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
10/31/98 9:25 AM	125	68	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	FUSE/CUTOFF	CLOSED FUSE OR CUTOFF	NO ACTION NEEDED	NO
11/1/98 5:19 AM	71	24	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOFF	ANIMAL GUARD CHECK	NO
11/1/98 6:02 AM	78	28	PUBLIC - ACCIDENT BY OTHERS	UNDERGROUND TRANSFORMER	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
11/1/98 11:22 AM	158	12	WILDLIFE	FUSE/CUTOFF	REPLACED FUSE OR CUTOFF	ANIMAL GUARD CHECK	NO
11/1/98 1:36 PM	129	19	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/1/98 3:27 PM	94	3356	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
11/1/98 3:30 PM	91	1326	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/1/98 10:17 PM	394	12	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
11/2/98 3:31 AM	1231	35	OTHER	CABLE	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
11/2/98 8:22 AM	48	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/2/98 11:28 AM	62	44	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOFF	TREE TRIMMING	NO
11/2/98 11:35 AM	345	19	UNKNOWN	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/2/98 11:59 AM	121	17	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOFF	REPLACED FUSE OR CUTOFF	TREE TRIMMING	NO
11/2/98 12:13 PM	222	10	UNKNOWN	FUSE/CUTOFF	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/2/98 12:25 PM	130	15	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/2/98 12:52 PM	128	22	TREE CONTACT - PRIMARY	FUSE/CUTOFF	REPLACED FUSE OR CUTOFF	TREE TRIMMING	NO
11/2/98 1:23 PM	97	18	WEATHER - WIND	FUSE/CUTOFF	REPLACED FUSE OR CUTOFF	FIELD INSPECTION	NO
11/2/98 2:50 PM	145	57	UNKNOWN	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/2/98 4:39 PM	126	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/2/98 11:57 PM	73	14	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
11/3/98 1:45 AM	15	118	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
11/3/98 6:31 AM	43	974	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/3/98 11:25 AM	180	10	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/3/98 11:33 AM	17	10	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
11/3/98 12:07 PM	323	10	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
11/3/98 12:19 PM	86	14	WILDLIFE	FUSE/CUTOFF	REPLACED FUSE OR CUTOFF	ANIMAL GUARD CHECK	NO
11/3/98 12:21 PM	79	55	WILDLIFE	FUSE/CUTOFF	REPLACED FUSE OR CUTOFF	ANIMAL GUARD CHECK	NO
11/3/98 1:37 PM	83	43	CUSTOMER - REQUEST	FUSE/CUTOFF	OTHER	NO ACTION NEEDED	NO
11/3/98 8:58 PM	302	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/4/98 4:57 AM	73	54	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/4/98 6:18 AM	192	88	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/4/98 7:52 AM	118	22	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
11/4/98 9:37 AM	53	27	UNKNOWN	FUSE/CUTOFF	REPLACED FUSE OR CUTOFF	FIELD INSPECTION	NO
11/4/98 10:26 PM	334	65	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/6/98 6:06 AM	489	17	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
11/6/98 6:42 AM	58	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/6/98 8:13 AM	127	30	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOFF	ANIMAL GUARD CHECK	NO
11/6/98 8:55 AM	94	128	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/6/98 9:07 AM	33	13	UNKNOWN	TAP WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/6/98 11:12 AM	109	55	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	PHASE WIRE	CLOSED FUSE OR CUTOFF	NO ACTION NEEDED	NO
11/6/98 12:01 PM	49	65	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOFF	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
11/7/98 7:31 AM	61	153	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
11/7/98 7:31 AM	61	153	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/7/98 8:21 AM	39	167	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
11/7/98 10:10 AM	150	65	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
11/8/98 11:26 AM	17	47	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/8/98 7:32 PM	88	30	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/9/98 9:19 AM	26	15	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/9/98 10:37 AM	173	142	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/9/98 1:49 PM	71	232	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/9/98 8:08 PM	62	169	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/9/98 9:28 PM	107	53	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/9/98 9:36 PM	99	10	UNKNOWN	LINE RECLOSER	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
11/10/98 12:49 AM	121	54	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 1:04 AM	161	183	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 1:14 AM	216	15	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 1:43 AM	182	11	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 1:53 AM	257	29	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 2:09 AM	281	13	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
11/10/98 2:13 AM	147	17	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 2:23 AM	432	456	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 2:35 AM	295	11	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 2:41 AM	319	50	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 2:43 AM	177	19	WEATHER - LIGHTNING	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 2:44 AM	766	20	WEATHER - FLOODING/RAIN	CONNECTOR/SLEEVE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 2:56 AM	124	53	WEATHER - LIGHTNING	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
11/10/98 2:56 AM	154	54	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 2:57 AM	363	13	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 3:20 AM	400	27	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 3:29 AM	91	365	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 3:34 AM	146	97	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 4:14 AM	286	793	WEATHER - WIND	PHASE WIRE	OTHER	FIELD INSPECTION	NO
11/10/98 4:48 AM	612	72	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 5:07 AM	115	1397	WEATHER - WIND	POLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 5:10 AM	329	1004	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
11/10/98 5:11 AM	289	848	WEATHER - WIND	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 5:12 AM	288	636	WEATHER - WIND	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 5:14 AM	286	748	WEATHER - WIND	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 5:15 AM	285	362	UNKNOWN	OTHER EQUIPMENT	REPAIRED CIRCUIT SWITCHER	FIELD INSPECTION	NO
11/10/98 5:16 AM	284	176	WEATHER - WIND	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 5:22 AM	118	4953	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TEMPORARY SWITCHING	TREE TRIMMING	NO
11/10/98 5:23 AM	177	65	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 5:25 AM	515	1004	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 5:32 AM	223	44	TREE CONTACT - PRIMARY	FUSE/CUTOUT	REPAIRED OTHER	TREE TRIMMING	NO
11/10/98 5:33 AM	102	45	WEATHER - LIGHTNING	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 5:38 AM	382	234	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 5:52 AM	218	21	WEATHER - FLOODING/RAIN	OTHER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 5:56 AM	184	54	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 6:02 AM	43	50	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 6:06 AM	234	41	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 6:07 AM	268	1544	WEATHER - FLOODING/RAIN	OTHER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:10 AM	230	38	WEATHER - WIND	LINE RECLOSER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:11 AM	169	12	WEATHER - WIND	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:13 AM	237	14	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:14 AM	316	34	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:15 AM	125	1009	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 6:15 AM	135	28	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 6:15 AM	200	702	WEATHER - LIGHTNING	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:23 AM	127	2216	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
11/10/98 6:32 AM	268	29	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:35 AM	38	4715	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
11/10/98 6:37 AM	383	301	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
11/10/98 6:40 AM	470	26	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:42 AM	303	24	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:46 AM	254	44	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:58 AM	302	82	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 7:00 AM	120	1644	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 7:05 AM	189	28	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
11/10/98 7:07 AM	113	19	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 7:08 AM	382	13	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 7:19 AM	21	1935	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 7:24 AM	896	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 7:40 AM	20	2306	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
11/10/98 7:45 AM	105	58	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 7:45 AM	255	10	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 7:53 AM	247	1292	WEATHER - WIND	CROSS/ALLEY ARM	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 8:02 AM	278	147	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
11/10/98 8:14 AM	136	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 8:21 AM	114	19	UNKNOWN	OTHER EQUIPMENT	REPLACED OTHER	FIELD INSPECTION	NO
11/10/98 8:21 AM	139	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 8:23 AM	172	16	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 8:24 AM	276	83	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 8:28 AM	107	12	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 8:40 AM	130	31	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 8:41 AM	379	39	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 8:42 AM	408	78	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 8:42 AM	1178	526	WEATHER - WIND	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
11/10/98 8:45 AM	189	1027	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 8:53 AM	187	1171	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 8:57 AM	243	13	TREE LIMB BROKEN - SECONDARY	POLE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 8:57 AM	588	11	WEATHER - LIGHTNING	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 8:59 AM	481	12	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 9:02 AM	43	1219	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 9:02 AM	68	73	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 9:06 AM	264	82	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 9:10 AM	125	57	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 9:14 AM	134	1356	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 9:20 AM	160	38	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 9:25 AM	395	218	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 9:26 AM	87	2316	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
11/10/98 9:27 AM	303	48	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
11/10/98 9:29 AM	231	15	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
11/10/98 9:29 AM	241	10	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 9:29 AM	691	14	TREE CONTACT - SECONDARY	CONNECTOR/SLEEVE	TEMPORARY JUMPER TO RESTORE	TREE TRIMMING	NO
11/10/98 9:36 AM	104	1966	WEATHER - WIND	STATIC WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 9:40 AM	440	16	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 9:42 AM	93	33	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 9:54 AM	131	17	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 9:54 AM	276	18	WEATHER - LIGHTNING	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 10:03 AM	32	2012	WEATHER - WIND	PHASE WIRE	OTHER	FIELD INSPECTION	NO
11/10/98 10:08 AM	132	47	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 10:11 AM	289	13	TREE LIMB BROKEN - SECONDARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 10:13 AM	167	24	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 10:14 AM	111	12	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 10:16 AM	189	82	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 10:21 AM	153	166	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
11/10/98 10:24 AM	239	13	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 10:27 AM	93	2664	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
11/10/98 10:30 AM	58	552	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 10:31 AM	239	11	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO

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APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
11/10/98 10:37 AM	233	1908	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 10:46 AM	253	77	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 10:47 AM	45	520	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
11/10/98 10:53 AM	157	72	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 10:54 AM	41	167	WEATHER - LIGHTNING	ARRESTER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 10:54 AM	96	31	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
11/10/98 10:54 AM	156	13	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 10:55 AM	155	12	WEATHER - FLOODING/RAIN	OTHER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 10:55 AM	560	3650	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 10:56 AM	264	17	UNKNOWN	OTHER EQUIPMENT	CLOSED JUMPER TO RESTORE	FIELD INSPECTION	NO
11/10/98 11:00 AM	480	13	WEATHER - WIND	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 11:02 AM	2217	11	UNKNOWN	CABLE JOINT/SPLICE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	YES
11/10/98 11:06 AM	94	10	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 11:12 AM	298	11	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 11:26 AM	244	81	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 11:27 AM	123	292	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
11/10/98 11:28 AM	646	26	WEATHER - WIND	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 11:31 AM	149	240	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 11:36 AM	32	7402	WEATHER - WIND	STATIC WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 11:38 AM	202	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 11:38 AM	442	195	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 11:43 AM	197	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 11:43 AM	212	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 11:46 AM	144	2427	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 11:55 AM	365	20	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 11:55 AM	615	20	WEATHER - LIGHTNING	TAP WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 12:02 PM	38	16	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 12:07 PM	263	12	WEATHER - WIND	PHASE WIRE	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 12:13 PM	367	17	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 12:24 PM	231	621	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 12:25 PM	155	2209	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
11/10/98 12:25 PM	200	1400	WEATHER - LIGHTNING	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 12:29 PM	296	25	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 12:32 PM	265	20	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 12:32 PM	2023	11	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 12:33 PM	207	68	WEATHER - WIND	PHASE WIRE	CLOSED LINE RECLOSER	FIELD INSPECTION	NO
11/10/98 12:34 PM	106	29	WEATHER - WIND	PHASE WIRE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
11/10/98 12:34 PM	625	259	WEATHER - WIND	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 12:39 PM	201	272	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 12:39 PM	231	1259	WEATHER - WIND	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 12:40 PM	65	12	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
11/10/98 12:41 PM	239	52	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 12:42 PM	178	18	WEATHER - WIND	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 12:43 PM	97	816	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 12:48 PM	282	1731	WEATHER - FLOODING/RAIN	OTHER	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 12:50 PM	1125	10	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 1:05 PM	90	570	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 1:05 PM	175	103	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 1:16 PM	164	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 1:16 PM	209	19	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 1:18 PM	147	1886	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 1:20 PM	120	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 1:21 PM	654	830	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 1:23 PM	1267	257	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 1:24 PM	216	13	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 1:26 PM	214	15	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 1:27 PM	243	13	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 1:30 PM	510	34	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 1:31 PM	329	439	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
11/10/98 1:34 PM	506	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
11/10/98 1:37 PM	443	1391	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
11/10/98 1:39 PM	291	27	WEATHER - WIND	POLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
11/10/98 1:40 PM	1630	180	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 1:41 PM	1219	105	UNKNOWN	OTHER EQUIPMENT	REPLACED TRANSFORMER	FIELD INSPECTION	YES
11/10/98 1:42 PM	58	1996	WEATHER - WIND	POLE	TREE REMOVED	FIELD INSPECTION	NO
11/10/98 1:43 PM	1307	259	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 1:48 PM	372	309	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 1:51 PM	1149	39	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	YES
11/10/98 1:55 PM	215	85	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 2:03 PM	147	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 2:04 PM	266	20	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 2:12 PM	168	15	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 2:16 PM	374	480	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 2:18 PM	162	190	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 2:19 PM	881	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 2:24 PM	156	365	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 2:24 PM	171	702	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
11/10/98 2:27 PM	558	545	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 2:31 PM	299	14	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 2:35 PM	604	1499	WEATHER - WIND	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 2:50 PM	130	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 2:56 PM	341	1453	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 3:02 PM	628	16	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 3:06 PM	93	1258	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 3:08 PM	1537	208	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	ARRESTER	REPLACED EQUIPMENT	NO ACTION NEEDED	NO
11/10/98 3:24 PM	36	417	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 3:28 PM	542	15	WEATHER - LIGHTNING	CONNECTOR/SLEEVE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 3:30 PM	1350	15	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 3:31 PM	209	13	WEATHER - LIGHTNING	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 3:34 PM	1286	17	WEATHER - FLOODING/RAIN	PHASE WIRE	OTHER	FIELD INSPECTION	NO
11/10/98 3:35 PM	1075	80	WEATHER - WIND	FUSE/CUTOUT	CHANGED OTHER	FIELD INSPECTION	NO
11/10/98 3:37 PM	863	544	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 3:38 PM	322	15	WEATHER - WIND	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 3:39 PM	601	183	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 3:40 PM	380	1039	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 3:43 PM	1187	19	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 3:44 PM	396	13	OTHER	PHASE WIRE	OTHER	FIELD INSPECTION	NO
11/10/98 3:47 PM	353	17	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 3:53 PM	1087	39	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 3:55 PM	335	32	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 4:01 PM	764	34	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
11/10/98 4:02 PM	418	102	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 4:03 PM	207	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 4:03 PM	387	16	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 4:10 PM	475	73	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 4:14 PM	656	27	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
11/10/98 4:16 PM	122	2318	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 4:16 PM	226	4018	WEATHER - WIND	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/10/98 4:17 PM	283	26	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 4:18 PM	702	285	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	TREE REMOVED	TREE TRIMMING	NO
11/10/98 4:31 PM	444	718	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 4:35 PM	985	17	WEATHER - WIND	FUSE/CUTOUT	CHANGED OTHER	FIELD INSPECTION	NO
11/10/98 4:41 PM	319	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 4:43 PM	497	13	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 4:44 PM	1126	34	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
11/10/98 4:52 PM	1188	18	WEATHER - LIGHTNING	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
11/10/98 4:56 PM	1204	106	WEATHER - WIND	FUSE/CUTOUT	CHANGED OTHER	FIELD INSPECTION	NO
11/10/98 5:01 PM	1229	15	UNKNOWN	OTHER EQUIPMENT	REPLACED CIRCUIT SWITCHER	FIELD INSPECTION	YES
11/10/98 5:12 PM	1453	91	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
11/10/98 5:13 PM	1667	19	TREE CONTACT - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 5:19 PM	1211	25	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 5:23 PM	2167	13	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 5:40 PM	379	15	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 5:43 PM	1127	18	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 5:47 PM	388	245	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 6:05 PM	620	19	UNKNOWN	OTHER EQUIPMENT	REPLACED OTHER	FIELD INSPECTION	NO
11/10/98 6:07 PM	1373	10	TREE LIMB BROKEN - PRIMARY	TAP WIRE	REPLACED OTHER	TREE TRIMMING	NO
11/10/98 6:15 PM	255	2209	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 6:19 PM	1216	113	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
11/10/98 6:23 PM	1522	18	WEATHER - WIND	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 6:28 PM	212	12	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 6:32 PM	568	10	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 6:35 PM	130	1039	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 6:46 PM	1274	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 6:49 PM	1421	12	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 7:05 PM	1305	42	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 7:11 PM	584	25	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 7:12 PM	1217	72	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 7:12 PM	1308	29	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 7:15 PM	1520	159	TRANSMISSION AND SUBSTATION EQUIPMENT - SUBSTATION EQUIPMENT	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 7:25 PM	984	33	WEATHER - WIND	POLE	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/10/98 7:35 PM	1435	21	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 7:56 PM	1294	32	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 7:57 PM	843	339	OTHER	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	YES
11/10/98 8:16 PM	539	34	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 8:16 PM	1754	40	UNKNOWN	OTHER EQUIPMENT	REPAIRED TRANSFORMER	FIELD INSPECTION	YES
11/10/98 8:20 PM	805	11	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 8:25 PM	1070	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 8:27 PM	773	13	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 8:31 PM	149	1286	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 8:32 PM	763	56	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	YES
11/10/98 8:38 PM	1222	53	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 8:38 PM	1252	11	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 8:42 PM	1278	15	WEATHER - WIND	PHASE WIRE	TREE TRIMMED	FIELD INSPECTION	NO
11/10/98 8:46 PM	1544	17	TREE CONTACT - SECONDARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 8:55 PM	800	14	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 8:59 PM	901	10	TREE CONTACT - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 9:10 PM	420	54	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/10/98 9:10 PM	825	115	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
11/10/98 9:12 PM	918	58	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 9:13 PM	1357	32	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 9:14 PM	294	785	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
11/10/98 9:30 PM	145	159	WEATHER - WIND	PHASE WIRE	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/10/98 9:45 PM	645	22	WEATHER - WIND	NEUTRAL WIRE	TREE REMOVED	FIELD INSPECTION	NO
11/10/98 9:53 PM	1597	29	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 10:01 PM	899	23	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 10:06 PM	894	224	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 10:11 PM	1029	29	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	YES
11/10/98 10:28 PM	972	16	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 11:00 PM	760	12	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 11:04 PM	836	48	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/10/98 11:21 PM	1554	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/10/98 11:25 PM	1210	13	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/10/98 11:33 PM	1152	64	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	YES
11/10/98 11:50 PM	659	45	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/11/98 12:05 AM	925	16	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 1:24 AM	966	38	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/11/98 1:37 AM	983	55	TREE LIMB BROKEN - PRIMARY	TAP WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
11/11/98 1:59 AM	511	14	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 2:11 AM	1144	54	WEATHER - FLOODING/RAIN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 2:48 AM	2787	10	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	YES
11/11/98 3:46 AM	734	38	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	YES
11/11/98 4:22 AM	428	30	WEATHER - FLOODING/RAIN	TERMINATION	OTHER	FIELD INSPECTION	NO
11/11/98 4:41 AM	99	13	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 4:43 AM	602	11	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
11/11/98 4:55 AM	425	29	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/11/98 5:11 AM	1849	94	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
11/11/98 5:36 AM	394	35	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/11/98 5:56 AM	334	41	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 6:04 AM	786	71	WEATHER - WIND	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/11/98 6:05 AM	835	18	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/11/98 6:13 AM	767	10	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/11/98 6:33 AM	487	58	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/11/98 6:51 AM	849	19	WEATHER - WIND	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 6:54 AM	771	20	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 7:09 AM	681	42	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 7:24 AM	546	111	WEATHER - WIND	POLE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 7:50 AM	780	15	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/11/98 7:54 AM	591	10	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 7:56 AM	514	24	WEATHER - WIND	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
11/11/98 8:33 AM	467	62	WEATHER - WIND	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/11/98 9:08 AM	562	14	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/11/98 9:09 AM	411	63	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/11/98 9:11 AM	764	14	WEATHER - WIND	PHASE WIRE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 9:28 AM	332	998	WEATHER - WIND	PHASE WIRE	TREE REMOVED	FIELD INSPECTION	NO
11/11/98 9:49 AM	551	20	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 9:58 AM	197	11	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/11/98 10:37 AM	218	19	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/11/98 10:47 AM	298	141	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/11/98 11:00 AM	285	20	WEATHER - WIND	FUSE/CUTOUT	REPAIRED EQUIPMENT	FIELD INSPECTION	NO
11/11/98 11:17 AM	403	348	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/11/98 11:30 AM	180	14	WEATHER - WIND	OTHER EQUIPMENT	REPAIRED OTHER	FIELD INSPECTION	NO
11/11/98 11:36 AM	24	14	WEATHER - FLOODING/RAIN	PHASE WIRE	CLOSED OTHER	FIELD INSPECTION	NO
11/11/98 11:42 AM	168	11	WEATHER - WIND	PHASE WIRE	REPLACED OTHER	FIELD INSPECTION	NO
11/11/98 11:58 AM	562	14	WEATHER - WIND	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
11/11/98 12:09 PM	501	20	WEATHER - FLOODING/RAIN	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 12:12 PM	478	51	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
11/11/98 12:29 PM	91	30	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/11/98 12:39 PM	236	15	WEATHER - WIND	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/11/98 12:42 PM	506	14	WEATHER - WIND	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 12:47 PM	433	11	TREE CONTACT - SECONDARY	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/11/98 1:24 PM	186	14	WEATHER - WIND	PHASE WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/11/98 1:25 PM	595	14	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 1:40 PM	470	11	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/11/98 2:01 PM	269	1103	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
11/11/98 2:09 PM	396	53	WEATHER - WIND	FUSE/CUTOUT	CHANGED OTHER	FIELD INSPECTION	NO
11/11/98 2:36 PM	624	29	WEATHER - WIND	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 3:07 PM	473	25	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 3:30 PM	260	14	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 3:30 PM	450	13	TREE CONTACT - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/11/98 4:38 PM	52	11	WEATHER - WIND	CONNECTOR/SLEEVE	CHANGED OTHER	FIELD INSPECTION	NO
11/11/98 5:01 PM	1289	13	OTHER	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	YES
11/11/98 6:34 PM	371	26	UNKNOWN	LLC	REPAIRED OTHER	FIELD INSPECTION	NO
11/11/98 7:40 PM	265	74	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/11/98 7:53 PM	97	35	TREE CONTACT - SECONDARY	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/11/98 8:11 PM	424	29	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
11/11/98 9:07 PM	15	30	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO

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Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
11/11/98 9:10 PM	80	63	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
11/11/98 9:54 PM	335	13	WEATHER - WIND	FUSE/CUTOUT	TREE TRIMMED	FIELD INSPECTION	NO
11/11/98 10:11 PM	199	24	WEATHER - WIND	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/11/98 10:33 PM	227	16	WEATHER - WIND	TAP WIRE	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/11/98 10:40 PM	50	92	INTENTIONAL - EMERGENCY REPAIRS	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/12/98 7:32 AM	298	15	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
11/12/98 7:46 AM	344	12	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/12/98 8:09 AM	151	12	WEATHER - WIND	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/12/98 8:39 AM	321	11	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/12/98 8:56 AM	249	11	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/12/98 9:06 AM	54	13	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
11/12/98 11:17 AM	178	12	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/12/98 11:21 AM	69	11	TREE CONTACT - SECONDARY	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/12/98 11:21 AM	234	33	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
11/12/98 2:31 PM	99	21	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/12/98 2:57 PM	213	17	OTHER	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/12/98 3:22 PM	98	26	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
11/12/98 4:08 PM	47	14	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/12/98 4:55 PM	365	38	OTHER	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
11/12/98 9:34 PM	106	27	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/13/98 1:46 AM	134	24	UNDERGROUND EQUIPMENT - MALFUNCTION	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/13/98 7:11 AM	134	20	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/13/98 7:16 AM	34	10	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
11/13/98 7:29 AM	151	17	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/13/98 9:20 AM	245	13	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
11/13/98 12:04 PM	61	92	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
11/13/98 1:53 PM	59	23	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
11/14/98 2:43 AM	137	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/14/98 7:51 AM	129	11	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/14/98 3:47 PM	88	71	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/14/98 9:37 PM	188	12	TREE CONTACT - PRIMARY	NEUTRAL WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/15/98 7:38 AM	142	49	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/15/98 10:36 AM	294	26	UNKNOWN	OTHER EQUIPMENT	REPLACED CIRCUIT SWITCHER	FIELD INSPECTION	NO
11/15/98 11:46 AM	284	35	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED TRANSFORMER	FIELD INSPECTION	NO
11/15/98 12:35 PM	115	14	PUBLIC - FOREIGN OBJECT	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	NO ACTION NEEDED	NO
11/15/98 6:30 PM	270	61	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/16/98 9:42 AM	443	185	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
11/16/98 11:14 AM	86	110	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/16/98 12:13 PM	69	17	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/16/98 1:10 PM	95	10	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/16/98 1:45 PM	15	17	COMED/CONTRACTOR - ACCIDENT BY COMED	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TRAINING	NO
11/16/98 6:58 PM	257	14	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/17/98 10:22 AM	1	56	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	SWITCH/DISCONNECT/LTD	CLOSED SWITCH/DISCONNECT/LT	NO ACTION NEEDED	NO
11/17/98 10:47 AM	58	20	UNKNOWN	OTHER EQUIPMENT	CONTRACTOR WARNED	FIELD INSPECTION	NO
11/17/98 11:43 AM	17	19	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/17/98 12:15 PM	5	150	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
11/17/98 1:45 PM	135	20	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
11/18/98 12:34 AM	486	24	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
11/18/98 12:35 AM	135	28	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/18/98 5:14 AM	331	13	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/18/98 7:38 AM	107	10	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/18/98 8:18 AM	72	11	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO
11/18/98 9:24 AM	86	11	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/18/98 9:53 AM	127	16	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
11/18/98 10:28 AM	77	82	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
11/18/98 12:45 PM	6	2061	UNKNOWN	POLE	OTHER	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
11/18/98 1:31 PM	74	41	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
11/18/98 2:37 PM	113	33	PUBLIC - DIG-IN BY OTHERS	CABLE	REPAIRED UNDERGROUND MATERIAL	NO ACTION NEEDED	NO
11/18/98 3:05 PM	135	12	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
11/18/98 3:49 PM	13	2061	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	SUBSTATION RECLOSER	CLOSED SUBSTATION RECLOSER	NO ACTION NEEDED	NO
11/18/98 5:15 PM	53	2101	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/18/98 5:18 PM	71	880	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/19/98 6:49 PM	71	15	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/20/98 2:52 PM	113	20	INTENTIONAL - PROTECTION OF SYSTEM INTEGRITY	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
11/20/98 3:06 PM	564	42	UNKNOWN	OTHER EQUIPMENT	REPLACED CIRCUIT SWITCHER	FIELD INSPECTION	NO
11/21/98 9:54 AM	106	92	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
11/21/98 11:46 AM	119	17	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/21/98 3:19 PM	266	122	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
11/22/98 10:23 AM	112	10	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/22/98 12:31 PM	104	13	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/23/98 8:46 AM	104	19	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/23/98 9:30 AM	75	786	UNKNOWN	FUSE/CUTOUT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
11/23/98 1:45 PM	225	13	UNKNOWN	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/23/98 2:03 PM	237	39	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
11/23/98 2:11 PM	189	17	TREE CONTACT - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/23/98 2:13 PM	212	22	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/23/98 9:00 PM	141	18	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	CLOSED LINE RECLOSER	NO ACTION NEEDED	NO
11/24/98 2:58 AM	122	22	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/24/98 4:28 AM	152	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/24/98 8:06 AM	104	11	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
11/24/98 9:01 AM	32	1621	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	CLOSED SUBSTATION BREAKER	NO ACTION NEEDED	NO
11/24/98 9:22 AM	93	19	TREE CONTACT - PRIMARY	PHASE WIRE	TREE TRIMMED	TREE TRIMMING	NO
11/24/98 9:43 AM	72	18	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
11/24/98 10:29 AM	51	45	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/24/98 1:38 PM	172	42	UNDERGROUND EQUIPMENT - UG FAILURE	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/24/98 8:25 PM	140	22	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/25/98 1:59 AM	30	90	COMED/CONTRACTOR - SWITCHING ERROR	SECTIONALIZER	CLOSED SWITCHGEAR	TRAINING	NO
11/25/98 7:06 AM	114	19	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/25/98 7:40 AM	115	13	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/25/98 4:02 PM	58	11	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/25/98 5:26 PM	169	21	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
11/25/98 11:30 PM	181	16	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/25/98 11:44 PM	466	23	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
11/26/98 1:19 AM	11	83	WILDLIFE	PHASE WIRE	CLOSED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/26/98 11:21 AM	204	107	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/26/98 12:53 PM	127	35	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
11/27/98 2:00 AM	137	487	UNKNOWN	OTHER TRANSFORMER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/27/98 7:14 AM	26	19	WILDLIFE	TAP WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
11/27/98 7:23 AM	37	160	UNKNOWN	PHASE WIRE	CLOSED SUBSTATION RECLOSER	FIELD INSPECTION	NO
11/27/98 10:16 AM	404	781	UNKNOWN	OTHER EQUIPMENT	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/27/98 3:01 PM	89	19	UNKNOWN	TERMINATION	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/28/98 8:27 AM	43	20	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/28/98 12:55 PM	125	190	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/28/98 3:33 PM	107	16	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/28/98 7:48 PM	87	23	UNKNOWN	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/28/98 9:08 PM	92	30	UNKNOWN	FUSE/CUTOUT	OTHER	FIELD INSPECTION	NO
11/29/98 5:11 AM	79	12	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
11/29/98 1:45 PM	175	43	UNKNOWN	OTHER EQUIPMENT	TEMPORARY FUSE OR CUTOUT	FIELD INSPECTION	NO
11/30/98 5:48 AM	102	89	TREE LIMB BROKEN - PRIMARY	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
11/30/98 6:25 AM	240	74	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
11/30/98 6:52 AM	188	16	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
11/30/98 8:22 AM	158	14	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO
11/30/98 8:26 AM	110	1342	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED SUBSTATION BREAKER	TREE TRIMMING	NO
11/30/98 8:54 AM	36	11	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
11/30/98 9:41 AM	81	14	PUBLIC - ACCIDENT BY OTHERS	GUY WIRE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
12/2/98 1:02 PM	33	11	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
12/2/98 1:53 PM	72	41	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
12/2/98 3:40 PM	50	13	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
12/3/98 10:04 AM	221	662	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
12/3/98 11:28 AM	112	190	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/4/98 9:39 AM	156	38	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/5/98 9:49 AM	101	11	WEATHER - WIND	PHASE WIRE	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
12/5/98 9:52 PM	53	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
12/6/98 8:12 AM	118	93	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/6/98 1:24 PM	186	47	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
12/6/98 2:44 PM	316	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
12/6/98 2:56 PM	25	1184	UNKNOWN	OTHER EQUIPMENT	CLOSED SUBSTATION BREAKER	FIELD INSPECTION	NO
12/6/98 7:30 PM	40	34	TREE CONTACT - PRIMARY	TAP WIRE	REPLACED FUSE OR CUTOUT	TREE TRIMMING	NO
12/7/98 12:42 AM	93	14	PUBLIC - VEHICLES	POLE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
12/7/98 10:06 AM	38	1027	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/7/98 11:27 AM	78	16	PUBLIC - DIG-IN BY OTHERS	CABLE	TEMPORARY JUMPER TO RESTORE	NO ACTION NEEDED	NO
12/7/98 3:23 PM	502	82	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/8/98 8:38 AM	97	189	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/8/98 10:19 AM	111	21	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/8/98 4:24 PM	156	12	UNKNOWN	PHASE WIRE	CLOSED FUSE OR CUTOUT	FIELD INSPECTION	NO
12/8/98 5:06 PM	144	16	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/9/98 1:22 AM	308	10	UNKNOWN	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/9/98 10:10 AM	90	11	UNKNOWN	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/9/98 10:32 AM	58	20	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/9/98 11:38 AM	82	16	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/9/98 11:50 AM	100	12	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
12/9/98 1:26 PM	49	22	UNKNOWN	UNDERGROUND TRANSFORMER	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/9/98 1:46 PM	104	58	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/9/98 2:56 PM	154	187	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
12/9/98 3:45 PM	80	138	PUBLIC - ACCIDENT BY OTHERS	CABLE	TEMPORARY SWITCHING	NO ACTION NEEDED	NO
12/10/98 9:40 AM	100	17	TREE LIMB BROKEN - SECONDARY	PHASE WIRE	REPLACED OVERHEAD MATERIAL	TREE TRIMMING	NO
12/10/98 6:44 PM	586	15	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
12/11/98 12:05 AM	215	19	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/11/98 4:39 AM	81	41	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/11/98 6:51 AM	309	441	UNKNOWN	OTHER EQUIPMENT	REPLACED TRANSFORMER	FIELD INSPECTION	NO
12/11/98 11:34 AM	1	73	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/11/98 11:40 AM	30	13	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
12/11/98 12:08 PM	182	36	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
12/11/98 1:11 PM	104	12	OTHER	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
12/12/98 7:13 AM	62	161	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/13/98 8:48 AM	162	16	OVERHEAD EQUIPMENT - MALFUNCTION	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
12/14/98 11:29 AM	196	12	UNKNOWN	OTHER EQUIPMENT	REPAIRED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
12/15/98 9:45 AM	40	18	WILDLIFE	PHASE WIRE	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
12/15/98 10:23 AM	132	12	PUBLIC - VEHICLES	UNDERGROUND TRANSFORMER	REPAIRED TRANSFORMER	NO ACTION NEEDED	NO
12/15/98 1:39 PM	81	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
12/15/98 2:27 PM	233	16	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/15/98 4:22 PM	8	29	PUBLIC - ACCIDENT BY OTHERS	PHASE WIRE	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
12/16/98 8:54 AM	186	61	UNKNOWN	OTHER EQUIPMENT	CLOSED SWITCH/DISCONNECT/LT	FIELD INSPECTION	NO
12/16/98 9:57 AM	2	1700	COMED/CONTRACTOR - SWITCHING ERROR	SECTIONALIZER	CLOSED SWITCH/DISCONNECT/LT	TRAINING	NO
12/16/98 9:57 AM	2	1700	COMED/CONTRACTOR - SWITCHING ERROR	SWITCH/DISCONNECT/LTD	CLOSED SWITCH/DISCONNECT/LT	TRAINING	NO
12/16/98 10:18 AM	42	29	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
12/16/98 6:46 PM	29	725	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
12/17/98 7:52 AM	208	24	PUBLIC - ACCIDENT BY OTHERS	POLE	REPLACED OVERHEAD MATERIAL	NO ACTION NEEDED	NO
12/17/98 9:43 AM	22	581	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/17/98 12:30 PM	40	265	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
12/18/98 5:27 AM	223	237	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/18/98 10:46 AM	74	19	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/18/98 12:00 PM	80	99	UNKNOWN	TAP WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/18/98 1:56 PM	79	15	TREE CONTACT - PRIMARY	PHASE WIRE	CLOSED LINE RECLOSER	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.

APPENDIX (SECTION 411.210(b)(1) OF COMED'S 1998 ELECTRIC POWER DELIVERY RELIABILITY REPORT)

Northwest

START DATE/TIME	INTERRUPTION DURATION (MIN)	NUMBER OF CUSTOMERS AFFECTED	CAUSE OF INTERRUPTION	EQUIPMENT INVOLVED	RESTORATION AND REMEDIATION MEASURES	PREVENTION MEASURES	FIXED CHARGE WAIVED / REMUNERATION
12/18/98 4:10 PM	60	15	UNKNOWN	OTHER EQUIPMENT	CLOSED EQUIPMENT	FIELD INSPECTION	NO
12/19/98 11:25 AM	80	15	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
12/19/98 7:38 PM	98	59	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/19/98 7:49 PM	120	23	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
12/20/98 11:23 AM	97	23	WILDLIFE	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	ANIMAL GUARD CHECK	NO
12/21/98 9:20 AM	40	14	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/21/98 4:40 PM	50	16	OVERHEAD EQUIPMENT - MALFUNCTION	CONNECTOR/SLEEVE	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/21/98 8:41 PM	200	15	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/21/98 8:53 PM	117	129	WEATHER - WIND	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/21/98 10:29 PM	92	58	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
12/22/98 12:48 AM	227	13	WEATHER - EXTREME COLD	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/22/98 6:29 PM	336	77	UNKNOWN	OTHER EQUIPMENT	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
12/23/98 1:48 AM	272	21	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/23/98 7:05 AM	29	563	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/23/98 7:06 AM	28	153	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/23/98 7:10 AM	28	153	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/23/98 7:33 AM	387	40	UNKNOWN	OTHER EQUIPMENT	REPLACED CIRCUIT SWITCHER	FIELD INSPECTION	NO
12/23/98 7:57 AM	18	15	INTENTIONAL - SCHEDULED CONSTRUCTION, MAINTENANCE, OR REPAIR	FUSE/CUTOUT	CLOSED FUSE OR CUTOUT	NO ACTION NEEDED	NO
12/23/98 10:53 AM	67	63	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
12/23/98 1:19 PM	221	13	UNKNOWN	OVERHEAD TRANSFORMER	REPLACED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/23/98 5:09 PM	241	36	UNKNOWN	OTHER EQUIPMENT	REPLACED UNDERGROUND MATERIAL	FIELD INSPECTION	NO
12/24/98 9:49 PM	66	49	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/25/98 7:14 AM	156	385	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/25/98 9:34 AM	15	1744	UNKNOWN	OTHER EQUIPMENT	REPLACED CIRCUIT SWITCHER	FIELD INSPECTION	NO
12/25/98 10:09 PM	115	169	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/26/98 9:30 AM	45	24	UNKNOWN	FUSE/CUTOUT	REPLACED FUSE OR CUTOUT	FIELD INSPECTION	NO
12/26/98 9:40 AM	260	14	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY JUMPER TO RESTORE	FIELD INSPECTION	NO
12/27/98 8:50 PM	70	24	UNKNOWN	OTHER EQUIPMENT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
12/28/98 12:02 AM	46	1516	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
12/28/98 12:06 AM	42	1259	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
12/28/98 12:08 AM	40	275	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
12/28/98 1:57 AM	3	1516	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
12/28/98 1:58 AM	2	1259	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
12/28/98 2:01 AM	1	275	UNKNOWN	OTHER EQUIPMENT	OTHER	FIELD INSPECTION	NO
12/28/98 6:37 PM	178	11	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
12/28/98 7:36 PM	64	2846	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/28/98 10:11 PM	69	10	TREE CONTACT - SECONDARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
12/29/98 10:52 AM	218	93	UNKNOWN	OTHER EQUIPMENT	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/29/98 11:49 AM	51	21	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/29/98 11:51 AM	114	86	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
12/29/98 12:23 PM	82	18	WEATHER - WIND	FUSE/CUTOUT	REPLACED EQUIPMENT	FIELD INSPECTION	NO
12/29/98 1:08 PM	127	14	TREE CONTACT - PRIMARY	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	TREE TRIMMING	NO
12/29/98 1:56 PM	9	18	UNKNOWN	OTHER EQUIPMENT	TREE REMOVED	FIELD INSPECTION	NO
12/29/98 4:17 PM	173	12	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/30/98 2:38 AM	142	10	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/30/98 4:22 AM	107	677	WEATHER - EXTREME COLD	PHASE WIRE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/30/98 10:13 PM	152	28	UNDERGROUND EQUIPMENT - UG FAILURE	CABLE	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/31/98 6:23 AM	115	2249	UNKNOWN	PHASE WIRE	REPAIRED OVERHEAD MATERIAL	FIELD INSPECTION	NO
12/31/98 8:48 AM	22	1267	PUBLIC - DIG-IN BY OTHERS	CABLE	CLOSED SUBSTATION RECLOSER	NO ACTION NEEDED	NO
12/31/98 1:08 PM	12	385	UNKNOWN	OTHER EQUIPMENT	TEMPORARY SWITCHING	FIELD INSPECTION	NO
12/31/98 10:03 PM	162	11	TREE LIMB BROKEN - PRIMARY	PHASE WIRE	CLOSED FUSE OR CUTOUT	TREE TRIMMING	NO

Duration is the period of time beginning when ComEd was notified or became aware of the interruption and ending when all customers who had been interrupted were restored; not all customers necessarily experienced the full duration.